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Ohio
Labor
Market
Information

Labor Market Review

1984 Annual Averages

In 1984, Ohio continued its employment recovery from the recessions of the early 1980's, the deepest downturn since the 1930's. Total employment increased substantially after 1982, although Ohio has not returned to its prerecession peak level. Most of the job growth in the state has occurred in services, trade, and finance, insurance, and real estate. Manufacturing provided a much smaller share of the jobs in Ohio in 1984 than in 1979, although significant recovery of factory jobs occurred in some industries. Job loss and recovery performances varied across the state, with some areas faring much better than others.

Labor Force. Ohio's civilian labor force reached a peak of 5,114,000 in 1982, but declined .3 percent in 1983, to 5,100,000. The number was virtually unchanged in 1984, at 5,099,000. In contrast, the U.S. labor force grew 3.0 percent between 1982 and 1984.

Civilian Labor Force Estimates for the United States and Ohio[a]
(Employed and Unemployed in thousands)

OHIO					UNITED STATES			
Civilian Labor Force					Civilian Labor Force			
	Employment					Employment		
		Unemployment					Unemployment	
		Total	Rate[b]				Total	Rate[b]
4389	4153	236	5.4	1970	82771	78678	4093	4.9
4416	4130	286	6.5	1971	84382	79367	5016	5.9
4510	4261	249	5.5	1972	87034	82153	4882	5.6
4621	4423	198	4.3	1973	89429	85064	4365	4.9
4708	4483	225	4.8	1974	91949	86794	5156	5.6
4721	4292	429	9.1	1975	93775	85846	7929	8.5
4749	4378	370	7.8	1976	96158	88752	7406	7.7
4830	4518	312	6.5	1977	99009	92017	6991	7.1
4956	4688	268	5.4	1978	102251	96048	6202	6.1
5056	4758	298	5.9	1979	104962	98824	6137	5.8
5088	4661	427	8.4	1980	106940	99303	7637	7.1
5098	4606	492	9.6	1981	108670	100397	8273	7.6
5114	4474	640	12.5	1982	110204	99526	10678	9.7
5100	4479	621	12.2	1983	111550	100834	10717	9.6
5099	4618	481	9.4	1984	113544	105005	8539	7.5

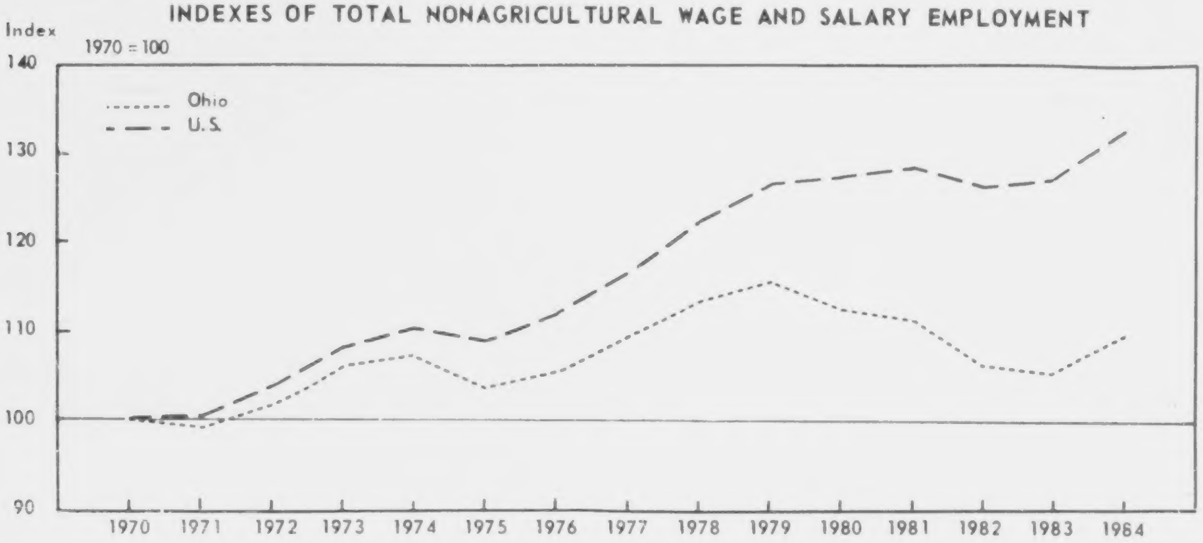
[a] Data are based upon place of residence, compiled from the Current Population Survey of the U.S. Department of Labor. Employment and unemployment may not add to civilian labor force due to rounding. [b] Unemployment as percentage of civilian labor force, based on unrounded figures.

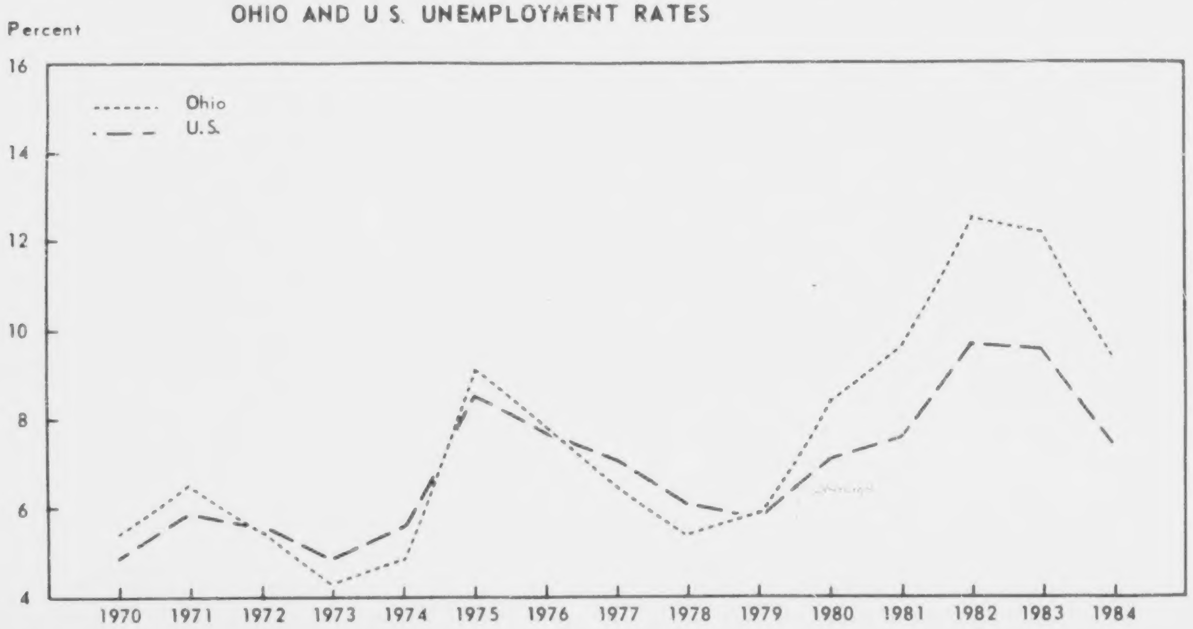
Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Unemployment. In 1982, 640,000 people were unemployed in Ohio as the annual average unemployment rate climbed to 12.5 percent. The number of jobless dropped to 481,000 in 1984, and the rate was reduced to 9.4 percent. The unemployment rate in the U.S. also peaked in 1982, at 9.7 percent, but was down to an annual average of 7.5 percent by 1984.

Due to the concentration of cyclically sensitive manufacturing industries in Ohio, the state generally experiences unemployment rates above the national level during recessionary periods, and rates nearer the nation's during expansion periods. Through the end of 1984, the gap between the U.S. and Ohio rates narrowed but had not closed. Continued problems in manufacturing caused Ohio unemployment rates to remain above national rates during the periods of expansion after the 1980 and 1982 recessions.

Total Employment. After the trough of the recession in 1982, Ohio made significant progress in regaining lost jobs, especially during 1984. Total employment rose 3.1 percent, from 4,479,000 in 1983 to 4,618,000 in 1984 (see table, page 1). However, losses were not completely restored. Total employment in 1984 remained well below the 1979 level, when the unemployment rate was 5.8 percent.


INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT


OHIO AND U S. UNEMPLOYMENT RATES

Declining Industries. Among the declining sectors in Ohio's economy, the largest percentage drop was in railroads, although the remainder of the transportation industry was included in the growth group. Two of the declining sectors were in nondurable-goods manufacturing: food products and chemicals.

With the exception of electric, gas, and sanitary services, the industries declining in the state either declined nationally or had only marginal national increases in 1984.

Losses and Recovery. The table, below, shows the losses and gains for Ohio and U.S. manufacturing and nonmanufacturing industries during the most recent recession-recovery period, 1979-1984.

EMPLOYMENT CHANGES AND RECOVERY RATES
BY SELECTED INDUSTRY
ANNUAL AVERAGES FOR 1979, 1983, and 1984

Industry	Ohio Annual Average Nonagricultural Wage and Salary Employment (in thousands) Peak 1979	Trough 1983	Current 1984	Changes 1979-83	1984-1983	Percent Recovery Ohio	U.S.
TOTAL	4484.8	4091.7	4248.0	-393.1	156.3	39.8	—
MANUFACTURING	1382.3	1066.0	1125.1	-316.3	59.1	18.7	37.5
DURABLE GOODS	980.5	723.6	771.8	-256.9	48.2	18.8	39.0
Lumber and wood products	15.7	13.9	15.6	- 1.8	1.7	94.4	45.3
Furniture and fixtures	17.7	13.7	15.0	- 4.0	1.3	32.5	78.0
Stone, clay, and glass products	69.7	52.1	52.5	- 17.6	.4	2.3	18.0
Primary metal industries	158.9	104.1	108.3	- 54.8	4.2	7.7	6.2
Fabricated metal products	175.5	129.7	138.2	- 45.8	8.5	18.6	27.0
Machinery, except electrical	223.6	154.3	167.1	- 69.3	12.8	18.5	36.3
Electric and electronic equipment	117.6	89.4	92.9	- 28.2	3.5	12.4	187.5
Transportation equipment	165.8	132.1	145.3	- 33.7	13.2	39.2	46.2
Instruments and related products	20.7	21.2	23.2	.5	2.0	+	+
NONDURABLE GOODS	401.8	342.4	353.3	- 59.4	10.9	18.4	32.5
Food and kindred products	74.4	63.4	62.8	- 11.0	- .6	–	3.4
Apparel and other textile products	18.6	16.3	17.2	- 2.3	.9	39.1	24.1
Paper and allied products	39.5	35.0	36.7	- 4.5	1.7	37.8	43.8
Printing and publishing	67.6	62.8	64.7	- 4.8	1.9	39.6	+
Chemicals and allied products	68.4	63.4	62.8	- 5.0	- .6	–	7.6
Rubber and misc. plastics products	106.7	82.7	91.0	- 24.0	8.3	34.6	[illegible]
NONMANUFACTURING	3102.5	3025.7	3122.9	- 76.8	97.2	126.6	+
MINING	31.8	26.8	27.8	- 5.0	1.0	20.0	366.7
CONSTRUCTION	182.9	130.8	142.9	- 52.1	12.1	23.2	77.1
TRANSPORTATION AND PUBLIC UTILITIES	232.1	198.3	205.7	- 33.8	7.4	21.4	115.2
WHOLESALE TRADE	232.8	222.5	235.9	- 10.3	13.4	130.1	+
RETAIL TRADE	742.4	711.0	740.9	- 31.4	29.9	95.2	+
FINANCE, INSURANCE, AND REAL ESTATE	200.6	207.0	211.5	6.4	4.5	+	+
SERVICES	806.2	873.3	903.8	67.1	30.5	+	+
GOVERNMENT	674.0	656.1	654.5	- 17.9	- 1.6	–	147.4

+ no downturn, 1979-1983

– no upturn, 1983-1984

Current Industry Statistics. Beginning with publication of the January 1985 issue of the **Ohio Labor Market Review**, the current employment, hours, and earnings series were revised to more closely reflect the changing industry structure in the state. Additional detail is now published for nonmanufacturing industries, especially in services, while fewer series are now available in manufacturing. In total, thirteen nonmanufacturing and three manufacturing industry cells have been added; eleven manufacturing cells have been discontinued. Seventy-five industries were added to the publication for the eight largest metropolitan areas while eighteen were dropped. Industries where publication was discontinued generally had reduced employment levels that could no longer be accurately estimated in the monthly industry survey.

Nonagricultural Wage and Salary Employment. Ohio's nonfarm employment expanded 3.8 percent, from 4,091,700 to 4,248,000, between 1983 and 1984. Most of the expansion occurred in nonmanufacturing, especially services and retail trade. Important increases were also reported in durable-goods manufacturing in 1984, the sector hardest hit in recent economic downturns.

Growth Industries. Between 1983 and 1984, the most rapidly growing industry in Ohio and the U.S. was business services (see table below). Of the ten growth sectors listed, four are in manufacturing, including Ohio's three largest manufacturing industries: nonelectrical machinery, transportation equipment, and fabricated metals. Three of the growth sectors are in trade; one is in services. In five of the ten most rapidly growing sectors in Ohio--transportation equipment, wholesale trade-durable goods, business services, nonelectrical machinery, and transportation, except railroads--the state outpaced the nation.

EMPLOYMENT GAINS AND LOSSES
OHIO AND U.S., 1983-1984**

	1984 Ohio Employment (in thousands)	1983-1984 Percent Change	
		Ohio	U.S.
Most Rapidly Growing Industries			
Business Services	149.8	14.8	14.4
Transportation Equipment	145.3*	10.0	9.1
Rubber and Plastics	91.0*	10.0	10.0
Special Trade Contractors	87.1*	9.8	12.8
Nonelectrical Machinery	167.1*	8.3	8.1
Transportation, Except Railroads	93.5	8.2	8.1
Wholesale Trade-Durable Goods	149.6*	7.1	6.6
Auto Dealers and Gas Stations	81.6*	7.1	7.6
Fabricated Metals	138.2*	6.6	6.9
Eating and Drinking Places	253.8	4.6	7.2
Declining Industries			
Railroads	18.7*	- 1.1	- 1.9
Food Products	62.8*	- .9	.2
Chemicals	62.8*	- .9	.5
Banking	58.0	- .9	.9
Electric, Gas, and Sanitary Services	40.1	- .7	1.6
Local Government	424.5*	- .7	.3
Heavy Construction Contractors	19.4*	- .5	- 2.0
Total, All Industries	4248.0*	3.8	4.7
Manufacturing	1125.1*	5.5	5.3
Nonmanufacturing	3122.9	3.2	4.6

*1984 Employment is below 1979 level.
**Includes only employment sectors with changes exceeding 5,000 employees in Ohio.

Between the prerecession peak year, 1979, and the trough year, 1983, Ohio lost nearly 400,000 nonfarm wage and salary jobs, most of them in durable-goods manufacturing. Heaviest losses occurred in nonelectrical machinery, primary metals, fabricated metals, and transportation equipment. Significant downturns were also experienced in construction, transportation and public utilities, and in retail trade.

Between 1983 and 1984, Ohio regained 156,000 jobs, or 39.8 percent of the recession losses. The growth was concentrated in the nonmanufacturing sector, especially in business and health services, and retail and wholesale trade. By 1984, total nonmanufacturing employment had grown beyond its prerecession level. Construction, transportation and public utilities, and mining, however, had recovered less than one-fourth of the jobs lost in these industries during the recessionary period.

In Ohio manufacturing, greatest improvements between 1983 and 1984 were reported in transportation equipment, nonelectrical machinery, and rubber and plastics products. With the exceptions of chemicals and foods, all manufacturing industries registered gains.

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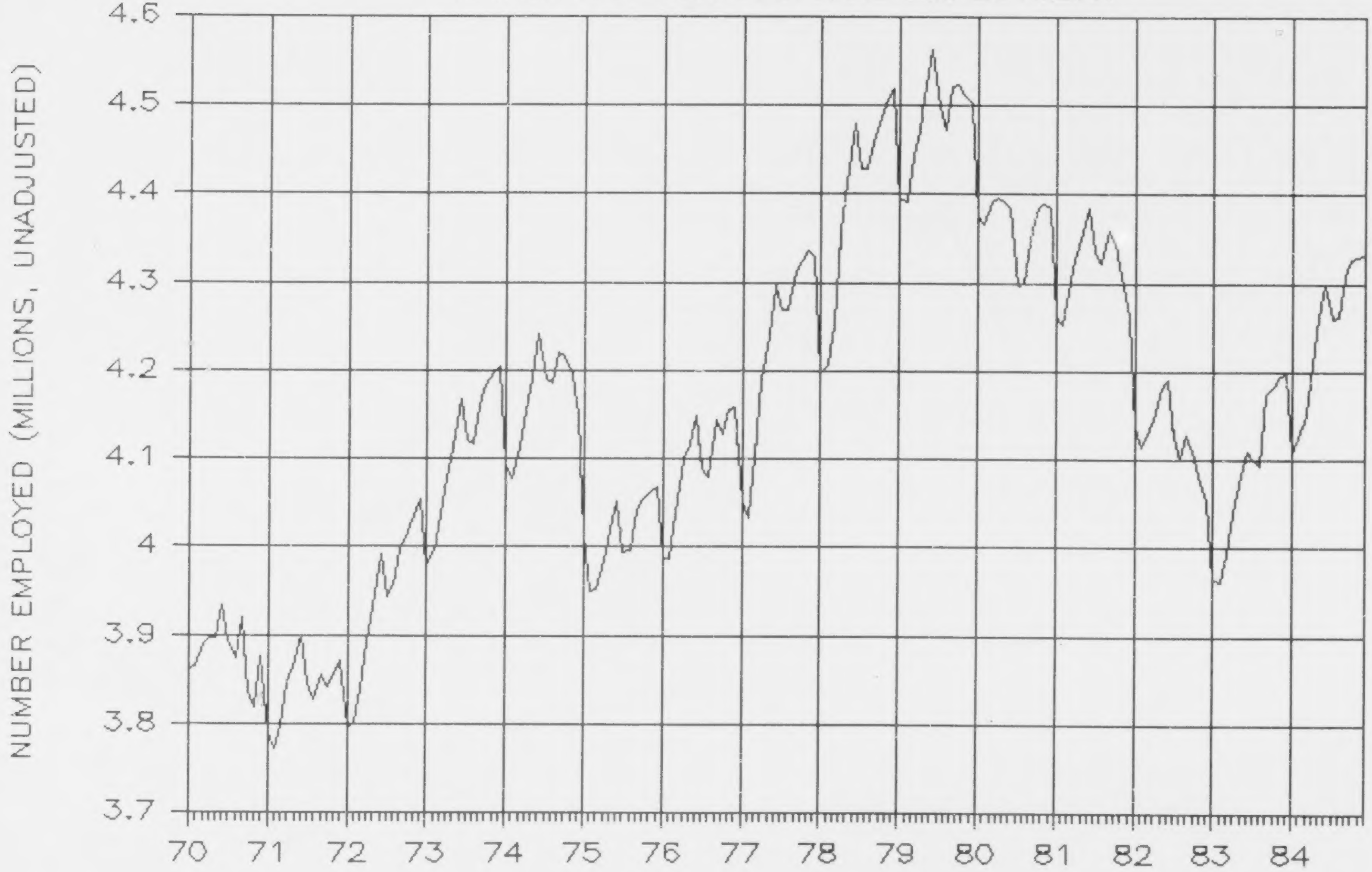
STATE OF OHIO

TOTAL NON—AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4248.0	4107.8	4126.2	4150.5	4208.9	4262.5	4298.5	4260.2	4262.7	4308.5	4326.9	4330.2	4332.8
MANUFACTURING	1125.1	1096.9	1103.8	1113.1	1120.5	1127.1	1136.1	1131.3	1134.3	1139.7	1134.6	1133.6	1130.5
Durable Goods[b]	771.8	750.4	757.7	764.4	770.1	774.4	780.2	777.3	777.2	779.1	777.4	777.8	776.0
Lumber and wood products	15.6	13.8	14.3	14.9	15.2	15.8	16.3	16.3	16.3	16.3	16.1	16.0	16.0
Furniture and fixtures	15.0	14.8	15.1	15.1	15.3	14.7	15.3	15.1	14.8	15.0	15.0	15.0	14.5
Stone, clay, and glass products	52.5	50.6	50.3	51.2	52.0	52.9	53.7	53.6	53.9	53.9	53.4	52.7	51.9
Glass and glassware, pressed or blown	12.9	13.0	13.1	13.1	12.9	12.9	12.9	12.8	12.8	13.1	12.9	12.5	12.5
Primary metal industries	108.3	108.3	109.4	110.3	111.1	110.4	110.7	109.6	107.5	107.0	106.1	105.4	104.1
Blast furnace and basic steel products	51.8	53.0	53.7	53.7	54.1	54.2	54.1	53.0	50.9	49.6	49.0	48.9	47.5
Iron and steel foundries	21.7	21.7	22.0	22.3	22.4	21.5	21.6	21.7	21.6	21.9	21.7	21.1	21.0
Nonferrous rolling and drawing	18.8	18.7	18.7	18.6	18.8	18.7	18.8	18.8	18.7	19.2	18.9	19.1	19.1
Fabricated metal products	138.2	135.0	135.1	136.3	136.9	138.5	139.7	138.6	139.3	140.4	139.3	139.8	139.5
Cutlery, hand tools, and hardware	11.5	11.2	11.3	11.5	11.4	11.5	11.5	11.3	11.5	11.6	11.6	11.6	11.6
Fabricated structural metal products	28.4	27.7	27.1	27.2	27.6	28.0	28.6	28.8	28.8	29.2	29.3	29.3	28.8
Metal forgings and stampings	44.5	43.8	44.0	44.3	44.6	44.9	44.8	44.0	44.0	45.0	44.2	44.9	45.1
Machinery, except electrical	167.1	161.3	162.7	164.4	166.5	167.9	168.1	167.7	168.3	169.8	168.7	169.9	169.4
Construction and related machinery	16.3	16.3	16.2	16.2	16.4	16.6	16.7	16.5	16.5	16.3	16.2	16.4	15.9
Metalworking machinery	41.9	39.9	40.5	40.8	41.3	41.7	42.1	42.2	42.5	42.9	42.9	43.0	43.2
Special industry machinery	18.7	17.6	17.9	18.5	18.7	18.8	18.3	18.5	18.8	19.3	19.3	19.4	19.5
General industrial machinery	31.9	31.0	31.2	31.5	31.9	32.2	32.4	32.5	32.4	32.5	31.7	32.0	32.0
Office and computing machines	13.3	12.9	12.9	12.9	13.0	13.2	13.6	13.7	13.7	13.6	13.5	13.5	13.4
Refrigeration and service machinery	17.0	17.2	17.3	17.4	17.5	17.7	17.3	16.5	16.2	16.9	16.5	16.6	16.6
Electric and electronic equipment	92.9	90.7	91.6	92.2	92.2	92.1	93.0	93.6	94.0	94.5	94.0	93.1	93.3
Electrical industrial apparatus	18.8	18.6	18.7	18.7	18.7	18.6	18.7	18.8	18.7	19.0	18.9	19.2	19.2
Household appliances	16.9	16.3	16.8	17.2	16.8	16.4	16.5	17.6	17.7	17.4	17.1	16.4	16.8
Electric lighting and wiring equipment	19.2	18.8	18.9	19.1	19.2	19.3	19.5	19.2	19.2	19.4	19.4	19.2	19.3
Communication equipment	11.1	10.7	10.7	10.6	10.8	10.9	11.1	11.2	11.3	11.4	11.4	11.4	11.4
Transportation equipment	145.3	140.4	143.5	144.2	144.6	145.3	146.3	145.3	145.6	144.1	146.9	148.0	149.5
Motor vehicles and equipment	97.9	94.4	97.5	97.7	98.0	98.4	99.0	97.8	98.1	96.3	98.5	99.0	100.1
Aircraft and parts	38.8	37.5	37.4	37.7	38.0	38.2	38.6	39.0	38.9	39.3	40.0	40.6	41.0
Instruments and related products	23.2	23.0	23.0	23.0	22.9	23.0	23.1	23.2	23.2	23.3	23.3	23.4	23.4
Measuring and controlling devices	12.3	12.3	12.4	12.4	12.3	12.4	12.3	12.5	12.4	12.4	12.2	12.3	12.2
Nondurable Goods[c]	353.3	346.5	346.1	348.7	350.4	352.7	355.9	354.1	357.2	360.6	357.2	355.8	354.5
Food and kindred products	62.8	61.8	61.0	61.3	61.6	62.0	63.2	62.4	64.8	66.4	63.7	62.6	62.5
Meat products	9.8	9.6	9.4	9.7	9.7	9.6	10.0	9.9	10.1	10.0	9.9	10.0	10.0
Dairy products	9.9	9.7	9.7	9.8	9.9	9.9	10.1	10.1	10.1	9.9	9.9	9.9	9.8
Preserved fruits and vegetables	10.7	10.3	10.1	9.8	10.1	10.2	10.2	10.0	11.8	13.8	11.3	10.3	10.5
Bakery products	8.6	8.5	8.4	8.6	8.6	8.7	8.8	8.8	8.7	8.6	8.4	8.5	8.4
Beverages	10.2	10.1	10.0	10.0	10.0	10.2	10.5	10.3	10.5	10.2	10.1	10.0	10.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	17.2	16.8	16.7	17.0	17.2	17.3	17.4	17.0	17.1	17.5	17.6	17.7	17.4
Paper and allied products	36.7	36.0	36.0	36.3	36.3	36.6	36.8	36.5	36.9	37.3	37.2	37.3	37.0
Misc. converted paper products	12.1	11.9	12.0	12.2	12.0	12.1	12.2	12.2	12.2	12.4	12.1	12.2	11.9
Paperboard containers and boxes	12.1	11.8	11.7	11.8	12.0	12.1	12.0	12.0	12.0	12.2	12.4	12.3	12.4
Printing and publishing	64.7	63.8	63.7	64.1	64.2	64.6	65.0	65.2	65.0	65.3	65.4	65.2	64.8
Newspapers	18.1	17.9	17.9	18.0	18.0	18.1	18.1	18.3	18.2	18.2	18.2	18.4	18.5
Commercial printing	23.7	23.3	23.3	23.4	23.7	23.9	23.9	23.7	23.6	24.0	24.0	24.2	23.8
Chemicals and allied products	62.8	62.0	61.9	62.2	62.5	63.1	63.7	63.6	63.5	63.2	62.7	62.4	62.6
Industrial inorganic chemicals	10.9	10.7	10.7	10.7	10.8	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.0
Rubber and misc. plastics products	91.0	88.2	88.6	89.5	90.7	91.1	91.5	91.0	91.4	92.4	92.4	92.5	92.2
Tires and inner tubes	20.2	20.2	20.2	20.2	20.3	20.2	20.3	20.3	20.3	20.2	20.1	20.3	20.3
Miscellaneous plastics products	49.5	47.5	47.7	48.5	49.1	49.3	49.6	49.4	49.7	51.0	50.9	50.9	50.8
NONMANUFACTURING	3122.9	3010.9	3022.4	3037.4	3088.4	3135.5	3162.4	3128.8	3128.3	3168.9	3192.2	3196.6	3202.3
MINING	27.6	27.0	26.7	26.7	27.0	27.8	28.4	28.6	28.3	28.2	28.0	27.7	27.1
Bituminous coal and lignite mining	11.7	11.8	11.7	11.7	11.9	11.9	12.0	12.1	11.8	11.8	11.6	11.3	11.0
Oil and gas extraction	11.6	11.5	11.5	11.1	10.9	11.4	11.7	11.8	11.8	11.7	11.8	11.9	11.9
CONSTRUCTION	142.9	118.0	116.2	117.3	130.6	141.9	152.8	158.3	159.5	160.0	160.3	154.8	144.9
General building contractors	36.4	30.0	29.8	30.0	33.0	35.2	38.0	39.8	40.2	41.0	41.1	39.8	38.4
Heavy construction contractors	19.4	14.5	12.8	13.1	16.5	20.1	22.9	23.7	24.1	23.6	23.4	21.3	17.2
Highway and street construction	8.3	4.0	3.9	4.3	6.3	8.9	10.6	11.1	11.4	11.3	11.1	9.7	6.9
Special trade contractors	87.1	73.5	73.5	74.3	81.2	86.7	91.9	94.8	95.2	95.4	95.8	93.7	89.3
TRANSPORTATION AND PUBLIC UTILITIES	205.7	199.5	200.3	201.6	203.8	206.3	207.7	207.6	206.2	208.5	208.9	207.9	208.5
Railroad transportation	18.7	17.4	17.8	17.8	18.6	19.3	19.4	19.7	19.5	19.3	19.2	18.5	18.0
Transportation, except railroads	93.5	88.0	89.0	90.3	91.8	93.3	94.4	94.0	95.0	95.8	96.4	96.6	97.8
Trucking and warehousing	67.8	63.7	64.9	65.8	66.6	67.4	68.1	67.8	68.8	69.4	70.1	70.3	71.3
Communication, electric, gas services .	93.5	94.1	93.6	93.5	93.5	93.8	93.9	93.9	93.7	93.4	93.2	92.7	92.7
Communication	53.4	54.0	53.8	53.8	53.7	53.8	53.6	53.5	53.4	53.3	53.2	52.7	52.6
Electric, gas, and sanitary services.	40.1	40.1	39.8	39.7	39.8	39.9	40.3	40.4	40.4	40.1	40.1	40.0	40.1
WHOLESALE TRADE	235.9	227.7	228.8	230.5	233.2	235.1	238.5	238.8	238.8	239.0	240.0	240.1	240.8
Wholesale trade-durable goods	149.6	144.2	145.1	146.3	147.6	148.9	151.1	151.4	151.4	151.7	152.4	152.5	153.0
Motor vehicles & automotive equipment	21.9	20.9	21.1	21.4	21.5	21.7	22.1	22.1	22.2	22.3	22.3	22.3	22.4
Electrical goods	20.1	19.7	19.8	19.9	19.9	20.1	20.3	20.3	20.2	20.2	20.3	20.3	20.4
Machinery, equipment, and supplies ..	62.1	60.0	60.2	60.7	61.3	61.6	62.5	62.9	62.9	62.9	63.2	63.1	63.4
Wholesale trade-nondurable goods	86.3	83.5	83.7	84.1	85.5	86.2	87.3	87.4	87.4	87.2	87.6	87.6	87.8
Groceries and related products	26.8	26.1	26.2	26.2	26.7	26.8	27.0	27.1	27.2	27.2	27.2	27.1	27.1
RETAIL TRADE	740.9	714.1	705.5	711.2	727.9	741.1	749.9	747.4	749.5	752.5	752.2	762.6	777.1
General merchandise stores	113.7	115.7	109.7	108.8	108.8	109.4	110.6	110.8	110.7	112.4	115.1	122.9	129.8
Department stores	104.5	106.6	100.8	99.8	99.8	100.2	101.4	101.7	101.6	103.2	105.8	113.3	119.7
Food stores	120.8	118.0	117.1	117.4	119.5	120.2	120.3	120.8	121.0	122.0	122.1	124.5	126.2
Automotive dealers and service stations	81.6	77.7	78.3	79.2	80.6	81.9	83.1	83.5	83.5	82.9	82.8	82.6	82.7
Apparel and accessory stores	35.0	34.5	33.6	33.7	34.2	34.4	34.6	34.3	34.8	35.1	35.4	36.6	38.6
Eating and drinking places	253.8	237.7	237.7	242.1	251.2	259.0	263.2	260.7	262.0	262.1	258.1	255.5	256.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	211.5	207.0	207.7	208.1	209.1	210.4	213.5	214.0	214.3	213.7	213.1	213.1	213.9
Banking	58.0	58.3	58.1	57.8	57.5	57.5	58.1	58.2	58.1	57.9	57.9	58.0	58.3
Credit agencies other than banks	33.0	32.1	32.3	32.5	32.7	32.8	33.3	33.3	33.3	33.3	33.3	33.4	33.7
Insurance carriers	57.7	57.1	57.3	57.4	57.4	57.6	58.0	58.1	58.3	58.1	57.9	57.9	57.9
Life insurance	22.0	21.8	21.8	21.7	21.9	22.0	22.1	22.1	22.3	22.2	22.2	22.1	22.1
Fire, marine, and casualty insurance ..	27.4	27.2	27.3	27.4	27.3	27.3	27.5	27.6	27.5	27.4	27.3	27.3	27.3
SERVICES	903.8	865.9	872.1	876.7	892.6	906.6	918.6	918.2	917.7	921.7	920.7	917.3	917.0
Hotels and other lodging places	31.0	28.9	29.1	29.4	29.8	31.0	32.6	32.5	32.9	32.0	31.4	31.1	31.0
Personal services	48.7	48.4	48.5	48.7	49.4	47.9	48.4	47.9	48.2	48.8	49.3	49.2	49.5
Laundry, cleaning, & garment services .	16.8	16.4	16.3	16.4	16.6	16.9	17.1	16.9	16.9	17.0	17.1	17.1	17.1
Business services	149.8	138.5	139.7	141.5	145.8	148.1	151.5	153.4	154.4	155.3	155.9	156.3	156.9
Services to buildings	23.5	22.1	22.1	22.5	22.8	23.0	23.7	24.2	24.4	24.2	24.3	24.6	24.7
Computer and data processing services .	13.0	12.2	12.4	12.5	12.6	12.7	12.9	13.2	13.3	13.4	13.5	13.6	13.6
Amusement and recreation services	37.4	26.8	26.8	28.6	33.7	42.8	48.6	50.2	50.1	45.1	34.6	31.2	30.8
Health services	321.9	318.9	319.1	319.4	319.5	320.5	323.6	324.1	323.9	323.2	323.2	323.5	324.3
Nursing and personal care facilities ..	66.5	64.6	64.9	65.2	65.7	66.5	67.5	67.4	67.4	67.2	67.1	67.2	67.4
Hospitals	169.8	170.9	170.7	170.0	169.1	168.6	169.5	170.3	170.1	169.6	169.4	169.5	169.4
Educational services	59.1	58.2	62.2	61.1	61.5	60.2	55.1	48.4	47.4	57.5	65.9	66.8	65.1
Colleges and universities	32.4	32.1	35.8	35.0	35.3	33.9	29.5	24.4	23.8	31.4	36.0	36.4	34.9
GOVERNMENT	654.5	651.9	665.1	665.3	664.2	666.3	653.1	616.0	612.0	645.3	669.2	673.2	673.0
Federal government	89.4	88.5	88.6	88.9	88.4	88.5	89.9	90.6	90.5	90.2	89.6	89.9	89.9
State government	140.6	137.1	146.1	147.2	145.8	145.3	139.1	123.5	123.8	134.7	147.5	148.4	149.0
State government education[d]...........	71.4	68.3	77.2	78.6	77.0	77.0	68.5	52.9	53.3	65.4	78.9	79.8	79.7
State government, except education	69.3	68.9	68.9	68.6	68.8	68.3	70.5	70.6	70.6	69.3	68.6	68.6	69.3
Local government	424.5	426.3	430.4	429.2	430.0	432.4	424.1	401.9	397.6	420.4	432.1	435.0	434.1
Local government education	241.4	246.4	250.9	250.6	250.1	250.7	236.4	210.1	207.9	237.6	249.9	253.7	253.1
Local government, except education	183.0	179.9	179.5	178.7	179.9	181.7	187.7	191.8	189.7	182.9	182.2	181.3	181.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-85 RS-790-1-0 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a]

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4092.5	3963.2	3961.6	3994.6	4039.6	4084.2	4110.4	4101.8	4096.1	4177.3	4184.7	4197.9	4199.1
MANUFACTURING	1066.0	1028.9	1030.4	1038.8	1047.0	1054.0	1063.0	1065.8	1076.6	1093.2	1095.9	1100.3	1098.6
Durable Goods[b]	723.6	694.9	695.5	702.8	710.0	715.8	721.2	722.5	730.4	741.5	746.9	752.2	749.9
Lumber and wood products	13.9	12.1	12.2	12.7	13.2	13.7	14.1	14.6	14.9	15.1	15.2	15.0	14.7
Furniture and fixtures	13.7	12.5	12.6	12.9	13.2	13.4	13.7	13.9	14.3	14.6	14.4	14.6	14.7
Stone, clay, and glass products	52.1	50.0	49.7	50.2	51.6	52.1	53.1	52.6	53.8	53.9	53.3	53.3	52.0
Glass and glassware, pressed or blown	13.5	13.7	13.8	13.8	13.8	13.6	13.7	13.2	13.6	13.7	13.5	13.3	12.7
Primary metal industries	104.1	98.2	99.5	102.7	103.1	103.4	103.5	103.3	105.1	106.5	107.0	108.4	108.2
Blast furnace and basic steel products	51.7	48.1	48.8	52.1	51.9	52.0	51.6	51.7	52.7	52.0	52.2	53.5	53.2
Iron and steel foundries	20.4	20.0	19.9	19.7	20.0	19.9	19.9	19.7	20.3	21.1	21.0	21.2	21.3
Nonferrous rolling and drawing	18.1	17.0	17.5	17.5	17.7	17.8	18.2	18.2	18.1	18.7	18.9	18.7	18.7
Fabricated metal products	129.7	124.6	126.2	126.4	127.4	128.0	129.1	128.9	130.5	132.9	133.6	134.7	134.6
Cutlery, handtools, and hardware	11.0	10.3	10.6	10.8	10.8	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2
Fabricated structural metal products	28.6	28.3	27.8	28.2	28.5	28.2	28.4	28.9	29.4	29.4	28.6	28.6	28.5
Metal forgings and stampings	39.2	35.5	37.1	37.3	37.7	38.4	38.9	38.2	38.7	40.3	41.9	42.8	43.2
Machinery, except electrical	154.3	154.0	151.4	151.1	151.7	152.6	152.3	153.6	154.2	156.8	156.8	157.9	159.3
Construction and related machinery	16.8	17.0	16.5	16.3	16.4	16.9	17.2	17.3	17.4	17.5	17.0	16.5	16.2
Metalworking machinery	38.8	40.2	38.8	38.6	38.5	38.1	38.3	38.7	38.5	38.6	38.6	39.0	39.5
Special industry machinery	16.5	16.3	16.0	15.8	15.9	16.0	16.1	16.6	16.7	17.0	17.0	17.3	17.5
General industrial machinery	29.5	29.1	28.8	28.5	28.5	29.0	29.5	29.7	29.7	30.0	30.1	30.3	30.7
Office and computing machines	12.4	12.3	12.2	12.2	12.2	12.2	12.4	12.1	12.7	12.6	12.5	12.7	12.8
Refrigeration and service machinery	15.7	15.0	15.0	15.3	15.7	15.9	14.9	15.4	15.5	16.1	16.3	16.5	16.8
Electric and electronic equipment	89.4	89.0	88.3	88.0	89.2	89.1	89.3	89.3	89.6	90.2	90.5	90.5	89.9
Electrical industrial apparatus	18.6	18.8	18.8	18.9	18.6	18.6	18.6	18.4	18.4	18.6	18.5	18.4	18.4
Household appliances	16.1	15.0	15.5	15.0	15.6	15.7	15.9	16.6	16.8	16.9	17.0	16.7	16.4
Electric lighting and wiring equipment	18.1	17.8	17.8	17.9	17.9	18.0	18.1	18.0	18.2	18.5	18.4	18.6	18.7
Communication equipment	10.3	10.2	10.1	10.1	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7
Transportation equipment	132.1	122.7	123.6	126.3	127.8	130.2	132.2	131.9	133.1	135.8	140.0	141.7	140.1
Motor vehicles and equipment	87.4	79.2	80.2	82.5	83.5	85.7	87.2	87.0	88.1	90.2	94.7	96.4	94.3
Aircraft and parts	36.5	35.7	35.6	35.6	35.9	36.1	36.7	36.8	36.8	37.2	36.9	36.9	37.3
Instruments and related products	21.2	19.8	19.8	19.7	20.0	20.3	20.8	21.2	21.7	22.2	22.6	22.8	23.0
Measuring and controlling devices	11.9	11.7	11.6	11.6	11.7	11.8	11.8	11.9	12.0	12.1	12.3	12.3	12.4
Nondurable Goods[c]	342.4	334.0	334.8	336.0	337.1	338.2	341.9	343.3	346.2	351.7	349.0	348.1	348.8
Food and kindred products	63.4	62.5	62.2	62.5	62.2	62.2	63.7	63.3	64.4	67.3	64.3	62.9	63.0
Meat products	9.6	9.4	9.4	9.5	9.7	9.6	9.8	9.8	9.5	9.6	9.6	9.8	9.9
Dairy products	10.1	10.1	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.1	10.1	9.7	9.7
Preserved fruits and vegetables	10.3	9.3	9.2	9.3	9.1	9.4	9.9	10.2	11.3	13.9	11.3	10.4	10.4
Bakery products	9.5	9.6	9.6	9.6	9.8	9.8	9.9	9.5	9.4	9.5	9.1	8.9	8.8
Beverages	10.4	10.4	10.3	10.4	10.3	10.1	10.6	10.5	10.7	10.6	10.3	10.3	10.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	16.3	15.6	15.6	15.8	15.9	16.1	16.4	16.4	16.5	16.9	16.9	16.8	16.7
Paper and allied products	35.0	34.6	34.5	34.5	34.4	34.4	34.8	35.1	35.2	35.8	35.5	35.6	35.7
Misc. converted paper products	11.4	11.1	11.1	11.2	11.3	11.2	11.3	11.5	11.7	11.7	11.5	11.6	11.6
Paperboard containers and boxes	11.5	11.3	11.3	11.2	11.2	11.3	11.6	11.5	11.5	11.7	11.8	11.7	11.7
Printing and publishing	62.8	61.7	62.1	62.5	62.4	62.4	62.6	62.4	62.8	63.2	63.5	64.0	64.3
Newspapers	17.9	17.9	17.9	17.9	17.8	17.9	17.8	17.8	17.9	18.0	18.0	18.1	18.1
Commercial printing	22.8	22.5	22.7	22.8	22.8	22.8	22.8	22.4	22.5	22.8	23.1	23.3	23.5
Chemicals and allied products	63.4	64.0	63.8	63.7	63.7	63.7	63.7	63.4	63.5	63.1	62.8	62.6	62.7
Industrial inorganic chemicals	11.3	12.0	12.0	11.7	11.7	11.5	11.3	11.1	11.2	11.0	11.0	10.9	10.8
Rubber and misc. plastics products	82.7	77.1	78.2	78.7	79.9	80.7	81.7	83.4	84.5	86.2	86.9	87.4	87.7
Tires and inner tubes	20.2	20.3	20.2	20.2	20.2	20.2	20.1	20.3	20.3	20.2	20.4	20.3	20.2
Miscellaneous plastics products	43.2	38.8	39.5	39.7	41.0	41.8	42.6	43.8	44.5	46.0	46.6	46.9	47.3
NONMANUFACTURING	3026.5	2934.4	2931.3	2955.8	2992.6	3030.2	3047.4	3036.0	3019.5	3084.1	3088.8	3097.6	3100.4
MINING	26.6	26.6	25.4	25.0	25.1	25.5	26.9	27.2	27.2	27.3	27.5	27.6	27.3
Bituminous coal and lignite mining	11.1	11.1	10.7	10.2	10.3	10.4	11.5	11.5	11.4	11.5	11.6	11.7	11.6
Oil and gas extraction	11.2	12.0	11.3	11.0	10.7	10.7	10.9	11.1	11.2	11.2	11.4	11.5	11.6
CONSTRUCTION	130.8	107.3	103.6	109.3	116.0	126.4	135.6	144.1	147.5	148.6	149.3	145.6	135.9
General building contractors	32.0	26.5	25.6	27.0	28.7	30.8	32.9	35.2	35.8	36.0	35.8	35.2	34.0
Heavy construction contractors	19.5	14.0	13.2	14.4	16.1	19.2	21.6	22.5	23.5	23.6	24.1	22.7	18.7
Highway and street construction	7.5	3.8	3.5	4.1	5.6	7.9	9.3	9.8	10.2	10.2	10.2	9.3	6.6
Special trade contractors	79.3	66.8	64.8	67.9	71.2	76.3	81.2	86.4	88.2	89.0	89.4	87.6	83.2
TRANSPORTATION AND PUBLIC UTILITIES	198.5	194.3	193.5	194.7	196.9	199.2	201.6	202.2	186.1	203.2	203.6	203.0	203.4
Railroad transportation	18.9	18.6	18.0	18.2	18.7	19.3	19.4	19.7	19.2	19.3	19.3	19.0	18.6
Transportation, except railroads	86.4	80.6	81.0	82.1	83.8	85.5	87.2	87.9	88.3	89.7	89.9	89.5	90.8
Trucking and warehousing	62.7	58.5	59.0	59.8	60.6	61.6	63.0	63.5	64.0	64.9	65.0	65.4	66.6
Communication, electric, gas services ..	93.2	95.1	94.6	94.4	94.4	94.5	95.0	94.7	78.6	94.2	94.5	94.4	93.9
Communication	52.8	54.4	54.2	54.1	54.1	54.1	54.3	53.9	37.9[e]	53.9	54.4	54.4	53.8
Electric, gas, and sanitary services .	40.4	40.7	40.3	40.2	40.2	40.4	40.7	40.8	40.7	40.3	40.1	40.0	40.1
WHOLESALE TRADE	222.5	216.5	215.6	216.7	218.6	220.1	222.4	224.6	225.7	226.1	227.0	227.8	229.1
Wholesale trade—durable goods	139.7	135.8	135.2	135.8	137.0	137.6	139.1	140.9	141.6	142.2	142.9	143.9	144.7
Motor vehicles & automotive equipment.	20.6	20.1	19.9	19.9	20.1	20.2	20.5	20.9	20.9	20.9	21.1	21.1	21.1
Electrical goods	18.9	18.5	18.[illegible]	18.5	18.4	18.5	18.7	18.8	19.0	19.1	19.3	19.6	19.8
Machinery, equipment, and supplies ...	58.3	57.2	57.0	57.1	57.5	57.7	58.0	58.7	58.9	59.1	59.2	59.5	60.0
Wholesale trade—nondurable goods	82.8	80.7	80.4	80.9	81.6	82.5	83.3	83.8	84.0	83.9	84.1	84.0	84.4
Groceries and related products	25.8	25.2	25.1	25.2	25.4	25.7	26.1	26.1	26.1	26.2	26.2	26.3	26.3
RETAIL TRADE	711.0	682.5	670.1	677.1	694.6	706.2	713.5	719.2	723.9	728.5	726.9	737.6	751.8
General merchandise stores	111.6	113.4	106.2	106.1	107.2	107.7	108.1	107.9	108.3	110.8	113.3	121.4	128.6
Department stores	102.7	104.6	97.6	97.5	98.4	98.8	99.2	99.1	99.6	102.0	104.4	112.3	119.0
Food stores	117.2	114.6	113.6	113.4	115.1	116.5	117.0	118.1	118.0	119.2	118.8	120.4	122.1
Automobile dealers & service stations ..	76.2	73.4	72.8	73.7	74.7	75.2	76.2	77.6	78.5	78.5	78.0	77.7	77.6
Apparel and accessory stores	33.9	33.6	32.5	32.6	32.9	33.2	33.3	33.2	33.9	34.0	34.6	35.6	37.5
Eating and drinking places	242.7	224.0	222.9	227.9	238.5	245.3	249.8	252.4	254.5	254.4	248.5	246.7	247.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	207.9	205.4	205.3	206.0	206.9	207.9	210.0	210.7	210.6	209.0	207.3	206.8	207.5
Banking	58.5	58.8	58.7	58.4	58.3	58.4	58.8	58.9	58.8	58.4	58.1	58.1	58.1
Credit agencies other than banks	31.3	30.1	30.4	30.6	30.9	31.1	31.6	31.7	31.8	31.8	31.7	31.9	32.2
Insurance carriers	58.1	59.0	58.9	58.9	58.7	58.6	58.6	58.2	57.9	57.4	57.2	56.9	56.9
Life insurance	23.0	23.7	23.5	23.6	23.5	23.4	23.3	22.9	22.8	22.6	22.4	22.3	22.1
Fire, marine, and casualty insurance .	27.2	27.7	27.7	27.6	27.4	27.4	27.5	27.3	27.0	26.8	26.7	26.5	26.6
SERVICES	871.3	843.5	849.2	856.0	867.2	874.5	884.1	885.8	884.2	893.3	883.8	881.3	877.2
Hotels and other lodging places	29.4	27.0	27.0	27.4	28.0	29.4	30.7	31.5	31.8	30.9	30.0	29.6	29.5
Personal services	46.7	47.0	46.9	47.2	47.4	45.8	46.0	46.0	45.9	46.9	46.3	47.0	47.2
Laundry, cleaning, & garment services.	16.5	16.0	16.0	16.1	16.4	16.6	16.7	16.6	16.5	16.7	16.7	16.7	16.6
Business services	130.5	120.6	121.9	123.4	125.4	127.4	129.9	133.7	135.3	137.2	136.8	136.7	137.8
Services to buildings	21.8	20.8	20.8	21.0	21.8	22.0	22.1	22.1	22.3	22.4	22.2	22.2	22.4
Computer and data processing services.	11.4	10.8	10.8	10.9	11.0	11.1	11.3	11.5	11.6	11.7	11.8	11.9	11.9
Amusement and recreation services	37.4	27.0	27.0	28.3	35.2	41.8	47.7	49.5	49.3	46.3	34.4	30.9	30.8
Health services	319.0	315.4	314.8	315.7	316.2	316.8	319.3	322.4	322.7	322.3	320.8	320.7	320.7
Nursing and personal care facilities .	63.6	62.1	62.1	62.1	62.5	62.8	63.5	64.3	64.7	64.5	64.5	64.8	65.1
Hospitals	174.2	174.3	173.8	173.9	174.0	173.9	174.8	175.8	175.6	174.9	173.7	172.9	172.1
Educational services	57.7	59.2	63.8	63.5	62.0	59.1	53.5	45.4	43.4	55.5	61.8	64.5	60.7
Colleges and universities	31.4	32.0	35.9	35.4	34.4	31.4	26.8	22.8	21.4	30.4	35.2	37.0	33.9
GOVERNMENT	656.1	658.2	668.5	671.0	667.3	670.5	653.3	622.2	614.4	648.1	663.4	667.8	668.2
Federal government	88.6	88.1	87.7	88.0	88.0	88.1	88.7	89.9	89.3	88.8	88.3	88.9	89.1
State government	140.1	141.0	146.1	146.8	146.7	145.2	135.3	124.3	122.5	135.5	145.1	146.0	147.0
State government education[d]	69.8	70.1	75.3	76.2	76.3	75.0	63.8	52.5	51.0	65.7	76.3	77.4	77.8
State government, except education ...	70.4	70.9	70.7	70.6	70.4	70.2	71.5	71.9	71.4	69.9	68.8	68.6	69.3
Local government	427.3	429.1	434.7	436.1	432.6	437.1	429.3	408.0	402.7	423.8	430.0	432.8	432.0
Local government education	243.1	249.8	256.1	256.7	252.9	254.6	239.0	210.4	207.4	238.7	248.8	252.2	251.1
Local government, except education ...	184.2	179.3	178.6	179.5	179.7	182.5	190.3	197.7	195.3	185.1	181.2	180.6	180.9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classification are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-0 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	3880.7	3839.6	3938.4	4112.9	4169.4	4016.2	4094.6	4230.1	4394.9	4484.8	4367.4	4317.7	4124.3
MANUFACTURING	1409.9	1333.8	1346.8	1426.3	1416.6	1267.5	1295.3	1344.1	1377.2	1382.3	1264.3	1232.6	1099.9
Durable Goods[b]	1002.5	936.1	948.8	1018.2	1013.1	892.4	910.6	945.2	974.5	980.5	882.6	860.4	752.4
Lumber and wood products	13.0	13.2	14.3	15.1	14.4	12.2	13.6	14.7	15.8	15.7	13.9	13.5	12.3
Furniture and fixtures	17.6	17.0	17.9	19.0	18.8	16.1	16.3	17.1	17.8	17.7	15.6	14.9	13.5
Stone, clay, and glass products	69.9	68.7	70.3	73.3	72.2	65.0	66.3	67.1	69.3	69.7	64.5	61.0	54.2
Glass and glassware, pressed or blown	17.2	17.8	18.3	19.0	18.6	17.6	18.2	17.5	17.4	15.9	15.3	15.0	14.1
Primary metal industries	168.2	158.5	158.9	173.3	172.4	151.5	154.6	157.7	157.5	158.9	139.8	138.3	112.7
Blast furnace and basic steel products	97.9	90.4	89.1	96.3	96.8	85.0	86.5	86.6	83.7	84.0	73.1	72.6	58.0
Iron and steel foundries	32.9	31.3	31.3	34.8	35.7	32.9	31.6	32.8	34.3	33.9	28.7	28.5	23.3
Nonferrous rolling and drawing	18.8	20.1	20.4	22.5	20.4	17.9	20.2	20.6	20.5	20.7	19.4	19.8	17.1
Fabricated metal products	170.2	160.0	162.7	175.2	172.7	150.9	157.9	166.5	173.3	175.5	157.6	154.9	134.9
Cutlery, hand tools, and hardware	14.5	14.1	14.4	15.8	15.3	13.8	15.0	15.9	16.4	16.1	13.5	13.1	11.0
Fabricated structural metal products	38.9	36.8	36.6	39.5	41.0	36.5	35.5	37.5	39.3	39.1	37.7	36.0	31.6
Metal forgings and stampings	45.7	45.0	48.2	53.2	50.3	43.3	48.1	50.[illegible]	52.3	52.3	44.1	44.9	37.9
Machinery, except electrical	226.9	200.0	205.1	219.9	227.7	207.7	205.9	210.7	216.7	223.6	211.4	204.2	176.7
Construction and related machinery	29.2	26.9	26.8	28.5	30.5	29.6	29.0	29.6	29.9	29.4	26.8	25.7	21.3
Metalworking machinery	58.3	48.5	50.6	56.7	60.4	55.0	53.4	54.5	55.4	58.0	57.7	55.1	46.8
Special industry machinery	24.4	21.8	21.1	24.0	24.5	22.5	22.3	23.6	23.6	24.2	23.2	21.3	18.2
General industrial machinery	37.0	34.9	35.1	38.1	39.9	37.4	37.6	39.4	41.2	42.7	40.3	39.6	34.2
Electric and electronic equipment	144.3	127.4	126.9	134.1	131.4	112.3	115.5	120.9	122.2	117.6	106.4	101.9	93.4
Electrical industrial apparatus	34.5	27.6	25.4	27.2	28.1	25.0	25.2	26.0	27.0	27.1	24.9	24.1	21.4
Household appliances	35.0	31.1	32.2	33.0	30.6	23.1	24.5	27.5	27.1	22.3	18.2	17.7	15.3
Electric lighting and wiring equipment	22.6	22.4	23.9	26.0	24.6	20.9	21.2	22.1	22.7	22.9	20.7	19.7	18.2
Communication equipment	22.0	19.6	17.5	17.2	16.6	15.3	14.5	14.5	13.6	13.2	12.7	11.4	10.6
Transportation equipment	152.9	155.2	155.0	167.2	162.5	140.8	143.0	151.8	164.1	165.8	139.1	136.9	121.7
Motor vehicles and equipment	105.0	113.8	115.2	125.0	121.3	104.0	107.1	114.4	123.2	120.1	90.5	91.1	78.0
Aircraft and parts	38.3	31.8	29.2	30.8	31.4	28.6	26.8	27.7	30.4	34.8	38.0	36.5	35.4
Instruments and related products	20.1	19.1	20.2	22.3	22.3	19.8	21.4	22.1	21.5	20.7	20.4	21.5	20.1
Measuring and controlling devices	13.5	12.8	13.2	14.7	14.5	12.4	13.9	14.6	13.8	13.2	12.8	13.3	12.0
Nondurable Goods[c]	407.4	397.7	398.0	408.1	403.5	375.1	384.6	398.9	402.7	401.8	381.8	372.2	347.5
Food and kindred products	81.8	80.4	78.2	76.4	76.0	73.5	73.8	74.4	74.6	74.4	72.7	69.2	66.9
Meat products	12.7	12.9	12.6	11.6	12.0	11.7	11.7	11.9	12.1	12.4	12.4	11.7	11.0
Dairy products	14.8	14.8	14.7	14.3	13.8	13.4	13.2	12.6	12.4	12.2	11.9	11.6	10.9
Bakery products	17.9	16.9	15.8	15.3	14.6	13.8	13.8	13.6	13.4	13.1	12.5	11.0	10.3
Beverages	11.9	11.3	10.7	10.8	10.7	10.6	10.5	10.6	10.8	11.2	10.9	10.9	10.7
Apparel and other textile products	21.1	20.5	21.2	21.9	21.1	18.5	19.0	18.8	19.2	18.6	17.1	17.3	16.4

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982^a (Continued)
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Paper and allied products	42.1	40.5	40.0	41.3	41.6	36.3	38.6	39.3	39.3	39.5	38.6	38.2	35.6
Misc. converted paper products	11.0	10.8	10.9	11.3	11.9	10.6	11.2	11.9	11.6	11.8	12.0	11.9	11.5
Paperboard containers and boxes	15.4	15.0	15.0	15.5	15.0	12.8	13.9	14.2	14.3	14.2	13.3	12.9	11.6
Printing and publishing	71.2	68.2	66.8	67.7	67.3	64.8	64.5	65.4	66.6	67.6	67.4	66.1	63.2
Newspapers	20.7	21.0	21.0	21.2	20.9	20.8	20.5	20.5	20.5	20.3	20.0	19.5	18.7
Commercial printing	26.9	25.2	24.8	25.0	25.1	23.9	24.1	24.3	25.0	26.0	25.9	25.2	23.2
Chemicals and allied products	63.5	62.1	62.4	63.0	63.5	62.2	64.4	66.9	68.7	68.4	68.3	67.7	65.5
Industrial inorganic chemicals	12.6	12.3	11.9	12.3	12.2	12.7	12.8	12.9	12.8	12.0	12.9	12.8	12.3
Rubber and misc. plastics products	100.8	99.3	102.2	109.8	107.0	94.8	98.2	107.4	107.4	106.7	92.7	89.0	80.4
Tires and inner tubes	40.4	39.2	38.7	38.7	38.5	34.8	30.3	33.9	31.4	30.9	27.8	24.4	22.0
Miscellaneous plastics products	38.4	37.5	40.5	45.9	44.6	39.2	45.9	50.5	52.2	51.7	44.6	44.2	39.7
NONMANUFACTURING	2470.7	2505.7	2591.5	2686.6	2752.8	2748.7	2799.3	2886.0	3017.7	3102.5	3103.0	3085.1	3024.4
MINING	20.6	20.8	22.7	22.9	24.2	26.8	28.2	29.1	29.0	31.6	30.7	30.7	30.3
Bituminous coal and lignite mining	9.3	9.8	11.4	11.2	12.4	15.6	16.7	16.7	15.3	17.1	15.3	13.1	13.3
CONSTRUCTION	164.2	155.2	165.1	175.5	172.3	154.9	154.2	162.8	176.6	182.9	167.4	153.7	134.6
General building contractors	43.6	39.0	43.2	45.2	45.2	41.3	40.3	42.0	46.5	48.2	41.8	37.0	31.2
Heavy construction contractors	24.8	24.2	22.8	25.1	24.5	22.2	22.2	23.7	26.9	29.1	26.2	24.9	23.7
TRANSPORTATION AND PUBLIC UTILITIES	225.0	223.8	222.9	224.9	227.8	213.2	213.7	219.1	225.0	232.1	223.1	217.2	206.8
Railroad transportation	41.4	39.0	36.5	36.1	35.9	33.3	33.0	33.3	30.9	31.8	29.1	26.3	22.9
Transportation, except railroads	93.3	93.9	95.8	99.7	100.0	90.4	93.1	98.4	103.8	107.2	98.9	94.6	87.3
Trucking and warehousing	68.9	70.6	73.3	78.1	79.0	69.9	72.1	77.4	81.8	84.0	75.4	71.1	63.8
Communication, electric, gas services .	90.3	90.8	90.6	89.1	91.9	89.6	87.6	87.4	90.3	93.0	95.0	96.2	96.6
Communication	52.9	53.1	52.8	52.3	53.2	51.8	50.2	51.2	52.4	53.9	54.6	55.2	55.1
Electric, gas, and sanitary services.	37.4	37.7	37.7	36.8	38.7	37.8	37.4	36.3	37.9	39.1	40.4	41.0	41.5
WHOLESALE TRADE	185.0	185.5	189.6	197.7	205.7	203.5	208.4	214.6	226.0	232.8	230.6	232.5	226.0
Wholesale trade—durable goods	119.8	120.0	122.1	128.0	134.1	131.4	135.0	139.2	146.6	151.7	149.2	149.8	143.3
Motor vehicles & automotive equipment	18.7	18.6	18.7	19.5	20.4	19.8	20.0	21.2	22.4	23.3	21.7	21.2	20.6
Electrical goods	15.5	15.7	15.4	16.4	17.3	16.6	17.3	17.5	17.7	18.1	19.1	19.4	19.0
Machinery, equipment, and supplies ..	42.6	42.7	43.9	46.8	50.4	51.1	53.0	55.5	59.3	61.8	62.2	62.6	60.5
Wholesale trade—nondurable goods	65.2	65.5	67.5	69.7	71.6	72.0	73.4	75.5	79.4	81.1	81.4	82.6	82.7
Groceries and related products	19.2	19.2	19.6	20.1	20.7	20.9	21.5	21.6	22.6	23.5	23.8	24.6	25.3
RETAIL TRADE	588.2	597.3	626.7	654.9	668.1	664.5	682.4	703.2	730.4	742.4	726.6	717.7	703.4
General merchandise stores	124.5	123.7	127.1	129.1	128.8	121.9	123.1	125.5	131.1	129.1	124.0	119.8	115.0
Department stores	111.2	110.7	113.7	115.7	115.5	109.7	111.0	113.5	119.1	117.5	113.1	109.4	105.5
Food stores	98.0	97.9	101.6	104.8	109.3	109.2	110.2	111.5	113.5	117.0	117.6	117.4	116.0
Automobile dealers & service stations .	88.9	91.5	96.8	98.6	93.2	91.3	92.4	94.1	93.5	88.8	78.1	76.2	76.0
Apparel and accessory stores	34.6	35.2	34.5	34.8	35.2	33.8	35.2	35.6	36.7	37.0	35.7	35.1	33.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1970-1982[a] (Continued)
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
FINANCE, INSURANCE, AND REAL ESTATE	154.2	158.6	163.8	169.0	171.9	173.1	177.0	183.4	191.1	200.6	203.8	205.8	206.4
Banking	42.8	41.7	44.5	46.5	48.9	49.9	50.7	52.2	54.3	57.2	58.7	59.3	59.2
Credit agencies other than banks	22.3	22.6	23.7	24.5	24.8	24.7	25.4	26.4	28.2	30.0	30.5	30.4	29.9
Insurance carriers	46.8	47.2	47.6	48.2	49.3	50.5	51.2	52.8	55.5	57.9	58.3	59.1	59.2
SERVICES	568.1	587.4	611.7	644.9	669.7	686.3	703.2	731.4	772.1	806.2	830.9	851.6	857.3
Hotels and other lodging places	20.9	23.1	25.9	28.4	30.0	30.6	29.7	29.1	30.3	31.3	30.6	31.2	29.3
Personal services	52.1	50.7	50.0	46.7	47.3	46.1	45.1	45.0	45.8	46.7	46.7	47.3	41.2
Laundry, cleaning, & garment services	27.3	25.4	21.8	22.4	21.2	19.6	18.7	18.2	18.3	18.2	17.7	17.6	16.7
Business services	71.0	73.8	80.9	87.8	91.1	89.0	91.7	101.0	111.4	119.1	121.8	123.6	121.3
Health services	162.7	175.5	184.3	194.5	205.7	218.9	231.0	241.6	251.3	264.9	281.1	297.6	312.3
Hospitals								140.8	144.4	150.2	157.9	165.5	173.0
GOVERNMENT	565.5	577.2	589.1	597.8	613.1	626.4	632.2	642.3	667.5	674.0	689.9	676.0	659.6
Federal government	101.1	98.0	95.5	93.8	95.4	94.1	91.9	91.1	91.2	90.6	93.3	89.8	89.0
State government	101.1	106.6	110.2	112.4	114.7	115.5	116.1	124.2	135.5	138.1	141.8	140.7	139.7
State government education[d]	49.4	51.3	51.6	50.9	51.5	52.4	53.6	58.9	65.0	67.0	69.3	68.7	68.6
State government, except education ..	51.7	55.3	58.6	61.5	63.2	63.1	62.5	65.3	70.5	71.1	72.5	72.0	71.1
Local government	361.2	372.6	383.4	391.6	403.0	416.9	424.2	427.1	440.8	445.3	454.8	445.5	430.9
Local government education	216.2	225.8	231.7	233.7	237.2	242.4	243.1	242.3	245.7	252.8	258.5	255.3	247.0
Local government, except education ..	145.0	146.8	151.8	157.9	165.8	174.5	181.1	184.8	195.1	192.5	196.2	190.3	183.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.96	$10.84	$10.83	$10.92	$10.95	$10.92	$10.92	$10.90	$10.92	$10.98	$10.99	$11.12	$11.26
Durable Goods[b]	11.36	11.22	11.21	11.32	11.33	11.30	11.31	11.27	11.29	11.38	11.38	11.55	11.69
Lumber and wood products	7.39	7.41	7.33	7.39	7.43	7.42	7.45	7.36	7.35	7.39	7.36	7.42	7.42
Furniture and fixtures	8.00	7.92	7.92	7.94	7.87	7.90	7.99	7.98	8.15	8.08	8.10	8.01	8.13
Stone, clay, and glass products	10.10	10.01	9.99	10.02	10.04	10.03	10.11	10.08	10.08	10.09	10.13	10.25	10.32
Glass and glassware, pressed or blown	10.91	10.67	10.65	10.66	10.79	10.85	10.96	10.88	10.93	11.05	11.17	11.18	11.21
Primary metal industries	12.73	12.45	12.64	12.68	12.66	12.74	12.71	12.71	12.73	12.79	12.78	12.95	12.98
Blast furnace and basic steel products	13.07	12.81	13.14	13.09	13.14	13.19	13.10	13.13	13.05	13.03	13.05	13.03	13.09
Iron and steel foundries	12.67	12.34	12.37	12.42	12.34	12.58	12.52	12.30	12.61	12.83	12.84	13.40	13.43
Nonferrous rolling and drawing	13.78	13.32	13.40	13.62	13.54	13.57	13.77	14.04	14.03	13.94	13.86	14.10	14.11
Fabricated metal products	11.21	11.27	11.24	11.29	11.33	11.24	11.20	11.09	11.04	11.05	11.05	11.18	11.53
Cutlery, hand tools, and hardware	11.65	12.07	11.87	11.84	11.65	11.59	11.59	11.63	11.56	11.51	11.37	11.44	11.67
Fabricated structural metal products	10.02	10.01	9.96	9.95	9.90	10.03	10.00	9.93	9.89	10.15	10.09	10.21	10.13
Metal forgings and stampings	13.27	13.22	13.18	13.32	13.46	13.31	13.33	13.17	13.11	12.93	13.06	13.21	13.91
Machinery, except electrical	10.90	10.89	10.86	10.89	10.88	10.84	10.82	10.81	10.84	10.93	10.89	11.02	11.10
Construction and related machinery	10.37	10.69	10.57	10.51	10.49	10.47	10.24	10.18	10.13	10.23	10.26	10.25	10.40
Metalworking machinery	10.41	10.37	10.35	10.36	10.37	10.35	10.37	10.40	10.33	10.46	10.42	10.52	10.55
Special industry machinery	10.44	10.29	10.34	10.39	10.38	10.38	10.40	10.39	10.35	10.41	10.40	10.67	10.78
General industrial machinery	11.06	10.98	10.91	11.00	11.04	11.01	11.01	10.81	11.10	11.11	11.13	11.26	11.37
Office and computing machines	8.63	8.33	8.53	8.42	8.49	8.55	8.68	8.61	8.69	8.89	8.75	8.79	8.82
Refrigeration and service machinery	12.27	12.11	11.86	12.10	12.21	12.07	11.99	12.48	12.32	12.50	12.21	12.66	12.76
Electric and electronic equipment	10.21	10.01	10.08	10.05	10.17	10.21	10.14	10.13	10.23	10.31	10.33	10.38	10.49
Electrical industrial apparatus	9.87	9.53	9.61	9.75	9.81	9.87	9.81	9.92	9.93	10.01	10.07	10.06	10.06
Household appliances	10.57	10.37	10.68	10.47	10.57	10.64	10.49	10.47	10.55	10.57	10.57	10.64	10.83
Electric lighting and wiring equipment	10.05	9.80	9.75	9.88	9.98	9.92	10.04	9.91	10.13	10.18	10.31	10.45	10.30
Communication equipment	11.17	10.54	10.59	10.58	10.85	11.15	11.11	10.76	11.50	11.55	11.55	11.48	11.98
Transportation equipment	13.47	13.06	12.91	13.31	13.30	13.24	13.38	13.42	13.48	13.66	13.66	13.95	14.16
Motor vehicles and equipment	13.89	13.43	13.27	13.76	13.76	13.70	13.84	13.80	13.90	14.08	14.08	14.32	14.60
Aircraft and parts	12.50	12.08	12.01	12.13	12.11	12.08	12.24	12.52	12.51	12.71	12.72	13.34	13.17
Instruments and related products	8.01	7.99	8.08	8.15	8.09	7.96	7.88	7.83	7.86	7.97	8.01	8.13	8.17
Measuring and controlling devices	7.99	7.98	8.10	8.13	8.07	7.93	7.79	7.73	7.73	7.96	8.05	8.17	8.25
Nondurable Goods[c]	10.02	9.93	9.91	9.95	10.03	9.98	9.99	10.01	10.02	10.05	10.06	10.10	10.16
Food and kindred products	9.91	9.80	9.81	9.90	10.03	9.97	10.00	9.94	9.90	9.79	9.85	9.96	9.97
Meat products	9.52	9.50	9.47	9.57	9.84	9.62	9.55	9.45	9.35	9.64	9.42	9.42	9.37
Dairy products	9.72	9.70	9.54	9.69	9.60	9.71	9.66	9.63	9.73	9.84	9.84	9.82	9.91
Preserved fruits and vegetables	8.68	8.45	8.67	8.50	8.81	8.75	8.92	8.70	8.71	8.33	8.75	8.88	8.87
Bakery products	10.88	10.59	10.56	10.66	10.96	10.76	11.01	10.97	10.96	10.99	10.99	11.01	11.06
Beverages	9.57	9.34	9.24	9.45	9.52	9.48	9.77	9.48	9.65	9.75	9.74	9.67	9.73
Apparel and other textile products	6.53	6.49	6.51	6.52	6.50	6.48	6.49	6.54	6.48	6.60	6.54	6.61	6.64
Paper and allied products	10.19	10.02	9.97	10.00	10.08	10.14	10.08	10.15	10.29	10.35	10.32	10.39	10.43
Misc. converted paper products	9.34	9.11	9.08	9.32	9.20	9.33	9.36	9.45	9.33	9.27	9.32	9.51	9.71
Paperboard containers and boxes	9.22	9.19	9.16	9.08	9.16	9.38	9.11	9.18	9.27	9.38	9.22	9.23	9.23
Printing and publishing	10.06	10.09	10.15	10.06	10.10	10.06	10.02	9.95	9.93	10.08	10.01	10.06	10.18
Newspapers	9.75	9.70	9.74	9.77	9.69	9.78	9.78	9.80	9.74	9.67	9.71	9.86	9.77
Commercial printing	10.01	10.30	10.30	10.12	10.14	9.94	9.92	9.76	9.75	10.00	9.90	9.84	10.09

See footnotes at end of table.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	$11.50	$11.28	$11.27	$11.34	$11.46	$11.46	$11.49	$11.51	$11.52	$11.60	$11.66	$11.67	$11.70
Industrial inorganic chemicals	12.34	12.11	12.17	12.08	12.19	12.25	12.32	12.37	12.31	12.36	12.83	12.50	12.60
Rubber and misc. plastics products	9.79	9.76	9.71	9.77	9.78	9.70	9.75	9.79	9.84	9.80	9.76	9.83	9.95
Tires and inner tubes	12.96	12.79	12.85	12.80	12.85	12.85	13.04	13.07	13.13	13.06	13.05	13.09	12.89
Miscellaneous plastics products	9.51	9.55	9.51	9.59	9.56	9.39	9.40	9.46	9.51	9.47	9.40	9.49	9.75
MINING	11.26	11.16	11.20	11.32	11.31	11.19	11.19	11.19	11.17	11.34	11.25	11.30	11.48
Bituminous coal and lignite mining	14.33	14.00	14.05	14.11	14.13	14.21	14.28	14.22	14.30	14.51	14.55	14.77	15.00
CONSTRUCTION	15.38	15.69	15.72	15.68	15.32	15.35	15.16	15.07	15.13	15.23	15.38	15.37	15.67
TRANPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.14	12.00	11.92	11.96	11.97	11.99	12.05	12.07	12.33	12.37	12.33	12.37	12.33
Communication	12.11	12.12	12.01	12.04	11.96	11.92	12.02	11.97	12.30	12.31	12.26	12.24	12.15
Electric, gas, and sanitary services .	12.19	11.84	11.79	11.86	11.98	12.08	12.09	12.21	12.37	12.46	12.43	12.56	12.58
WHOLESALE TRADE	8.65	8.51	8.53	8.57	8.62	8.66	8.68	8.66	8.66	8.74	8.72	8.72	8.76
Wholesale trade-durable goods	8.44	8.23	8.28	8.34	8.42	8.45	8.46	8.47	8.49	8.58	8.53	8.50	8.55
Wholesal trade-nondurable goods	9.01	9.00	8.97	8.97	8.97	9.02	9.06	8.97	8.94	9.02	9.04	9.07	9.13
RETAIL TRADE[d]	5.40	5.48	5.44	5.44	5.44	5.40	5.38	5.36	5.35	5.38	5.39	5.40	5.39
General merchandise stores	5.45	5.43	5.46	5.47	5.49	5.49	5.46	5.45	5.45	5.46	5.48	5.45	5.36
Department stores	5.53	5.51	5.54	5.55	5.57	5.58	5.54	5.52	5.53	5.53	5.55	5.53	5.42
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	8.64	8.51	8.50	8.52	8.56	8.58	8.60	8.65	8.66	8.72	8.76	8.80	8.81

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision. [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-25-85 RS-790-4-0 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

1.

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.3	42.5	42.4	42.5	42.5	42.0	42.1	41.7	41.7	42.3	41.9	42.6	42.9
Durable Goods[b]	42.5	42.7	42.6	42.8	42.7	42.3	42.3	41.9	42.0	42.6	42.1	42.9	43.3
Lumber and wood products	40.1	39.1	39.3	39.9	39.6	40.3	40.5	41.0	40.9	40.6	39.7	39.6	40.1
Furniture and fixtures	40.7	41.2	41.0	42.1	41.2	40.4	40.2	39.5	40.9	40.1	40.4	40.0	40.9
Stone, clay, and glass products	41.5	41.7	41.3	41.3	41.8	41.4	41.5	41.5	41.5	41.3	41.1	41.7	41.8
Glass and glassware, pressed or blown	40.2	40.4	40.2	40.1	40.6	40.4	40.9	40.0	40.2	40.1	40.2	40.3	39.3
Primary metal industries	42.2	42.2	42.8	42.5	42.7	42.2	42.5	41.6	41.5	42.4	42.0	42.3	41.9
Blast furnace and basic steel products	40.5	41.0	41.8	41.0	42.3	41.2	41.4	39.9	39.3	40.4	39.7	39.3	38.5
Iron and steel foundries	43.3	42.9	43.5	43.3	42.5	43.6	43.5	41.7	42.8	43.3	42.9	45.0	44.3
Nonferrous rolling and drawing	43.6	43.5	43.4	44.5	43.0	42.7	42.6	44.1	42.8	43.8	43.4	44.5	44.3
Fabricated metal products	42.4	43.2	43.2	42.7	42.9	42.5	42.3	41.7	41.5	41.9	41.6	42.5	43.4
Cutlery, hand tools, and hardware	40.4	42.7	41.6	40.8	40.1	39.5	39.9	39.7	40.7	39.7	39.3	40.3	40.1
Fabricated structural metal products	41.9	42.1	41.6	40.9	41.1	41.2	41.5	41.8	41.5	42.4	41.7	43.9	42.4
Metal forgings and stampings	44.1	45.3	45.2	45.1	45.4	44.5	44.2	42.4	42.0	42.7	42.7	43.4	46.2
Machinery, except electrical	42.9	43.0	43.1	42.9	43.1	42.7	42.7	42.5	42.0	42.7	42.4	43.3	44.1
Construction and related machinery	40.2	39.5	40.4	40.0	40.1	40.2	40.5	39.8	39.3	40.3	40.3	40.7	41.6
Metalworking machinery	42.2	42.1	41.9	42.1	42.1	42.1	42.0	41.6	41.3	42.0	42.0	43.2	43.7
Special industry machinery	43.7	42.5	42.8	42.3	43.0	42.8	44.0	44.4	43.1	44.3	43.9	45.1	46.0
General industrial machinery	42.0	42.4	42.9	42.5	42.8	42.4	41.5	41.1	41.4	41.6	41.4	41.7	42.3
Office and computing machines	42.5	41.3	42.4	43.0	42.8	42.3	43.1	41.7	41.7	43.2	42.0	42.9	43.3
Refrigeration and service machinery	44.0	45.0	43.4	43.6	44.4	43.1	43.2	45.5	43.2	44.3	42.8	44.0	45.2
Electric and electronic equipment	41.2	41.0	41.7	41.5	41.4	41.2	40.6	40.7	40.8	41.1	41.1	41.3	42.0
Electrical industrial apparatus	41.0	39.6	40.6	41.4	41.2	40.8	41.0	41.4	41.2	41.4	40.8	41.5	41.3
Household appliances	40.8	41.4	42.9	41.2	40.7	39.9	39.4	40.6	40.4	39.9	40.0	40.2	43.1
Electric lighting and wiring equipment	41.5	41.1	42.1	42.2	42.6	42.0	41.1	40.3	40.8	41.1	41.9	42.2	40.2
Communication equipment	42.6	40.8	40.8	40.8	41.0	42.5	43.0	41.2	43.2	43.7	43.4	43.4	46.2
Transportation equipment	44.8	44.8	43.8	45.3	44.6	44.0	44.2	43.8	44.5	45.8	44.8	4 .1	46.2
Motor vehicles and equipment	45.5	45.5	44.5	46.2	45.4	44.6	45.1	44.5	45.4	46.9	45.2	46.0	46.6
Aircraft and parts	43.2	42.7	41.7	42.4	42.1	42.0	41.9	42.8	42.2	43.2	44.0	47.5	45.6
Instruments and related products	40.4	40.5	40.7	41.0	40.5	39.9	40.0	39.6	40.1	40.3	40.0	41.1	41.1
Measuring and controlling devices	40.0	40.6	41.0	40.9	40.3	39.6	39.2	38.6	39.3	40.0	39.9	39.9	40.4
Nondurable Goods[c]	41.7	42.1	41.8	41.9	41.9	41.4	41.5	41.2	41.1	41.8	41.5	41.9	42.0
Food and kindred products	42.3	41.8	41.9	42.1	42.3	41.8	42.5	42.1	42.2	43.8	41.9	42.2	42.7
Meat products	42.0	41.2	40.3	42.6	42.4	41.0	41.3	42.2	41.4	43.8	42.6	42.6	43.1
Dairy products	43.1	43.8	42.8	43.2	42.5	42.9	43.3	43.3	43.0	43.3	43.3	43.1	43.3
Preserved fruits and vegetables	42.4	42.4	43.7	41.5	42.4	41.2	42.5	41.1	41.3	45.9	41.9	41.6	41.7
Bakery products	41.2	41.8	40.6	41.2	42.0	41.8	41.2	42.0	40.8	41.3	39.5	40.2	41.4
Beverages	39.8	38.4	39.2	39.6	40.3	39.4	42.5	39.5	40.3	39.7	39.5	39.1	40.4
Apparel and other textile products	37.9	38.4	38.1	38.8	37.7	37.8	37.0	36.4	37.4	37.8	38.4	38.4	38.0
Paper and allied products	44.2	44.9	44.4	44.4	44.3	44.6	43.7	43.9	43.3	44.0	43.7	44.9	44.4
Misc. converted paper products	43.5	43.4	43.4	43.8	43.1	43.1	43.3	43.9	42.6	42.6	42.6	44.9	45.5
Paperboard containers and boxes	42.7	43.8	43.3	43.4	42.5	43.5	42.2	41.9	41.5	43.0	42.4	43.4	41.9
Printing and publishing	38.4	38.5	38.4	38.3	38.5	38.2	38.0	38.1	38.1	38.5	38.4	38.9	39.1
Newspapers	33.4	33.0	32.8	33.4	33.2	33.5	33.0	33.1	33.0	33.1	34.3	34.4	33.6
Commercial printing	40.3	40.6	40.3	39.8	40.4	39.6	39.6	40.5	40.2	41.0	39.9	41.0	41.1

See footnotes at end of table.

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	41.6	42.1	41.9	42.0	42.1	41.3	41.2	40.9	40.7	41.3	41.2	41.9	42.6
Industrial inorganic chemicals	41.7	42.2	42.3	42.1	42.6	42.3	41.6	41.5	40.9	41.3	41.2	41.5	41.5
Rubber and misc. plastics products	42.9	44.0	43.6	43.6	43.4	42.8	42.9	42.2	42.1	42.7	42.5	42.9	42.7
Tires and inner tubes	45.7	45.1	45.3	45.0	45.5	45.8	46.7	45.4	46.6	46.4	45.3	46.4	44.9
Miscellaneous plastics products	42.6	44.0	43.3	43.4	43.5	42.4	42.4	41.7	41.3	42.3	42.1	42.3	42.8
MINING	43.9	44.3	44.4	42.7	42.4	43.8	44.5	43.7	44.0	44.2	44.1	44.1	44.6
Bituminous coal and lignite mining	42.4	42.4	43.0	43.0	42.5	42.8	43.1	42.5	42.3	43.5	41.1	40.9	41.5
CONSTRUCTION	38.4	37.1	38.0	37.6	37.7	37.3	38.9	38.7	39.1	39.3	39.8	38.1	37.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services .	40.6	40.7	40.2	40.3	40.5	40.3	40.6	40.7	40.8	40.8	40.6	40.8	40.7
Communication	40.4	40.6	40.1	40.1	40.3	40.1	40.6	40.8	40.7	40.8	40.4	40.5	40.2
Electric, gas, and sanitary services.	40.8	40.8	40.3	40.6	40.8	40.6	40.7	40.6	40.9	40.9	40.9	41.1	41.4
WHOLESALE TRADE	39.4	39.7	39.3	39.2	39.4	39.5	39.5	39.6	39.3	39.2	39.2	39.2	39.4
Wholesale trade-durable goods	39.8	40.3	39.9	39.9	40.0	39.9	40.0	39.5	39.4	39.6	39.6	39.4	39.7
Wholesale trade-nondurable goods	38.8	38.8	38.4	38.1	38.4	38.8	38.8	39.6	39.2	38.7	38.6	38.9	38.9
RETAIL TRADE	29.0	28.7	28.7	28.8	28.9	29.0	29.3	29.5	29.3	28.9	28.6	28.5	29.4
General merchandise stores	30.3	29.6	29.4	30.2	30.4	30.2	30.8	30.6	30.3	30.4	29.7	29.4	32.5
Department Stores	30.4	29.7	29.4	30.3	30.5	30.3	30.9	30.8	30.4	30.6	29.8	29.4	32.6
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	33.6	33.7	33.2	33.2	33.4	33.3	33.5	33.6	33.6	34.0	33.6	33.9	33.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable with previous figures due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-12-85 RS-790-3-0 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a]

1.

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$463.61	$460.70	$459.19	$464.10	$465.38	$458.64	$459.73	$454.53	$455.36	$464.45	$460.48	$473.71	$483.05
Durable Goods[b]	482.80	479.09	477.55	484.50	483.79	477.99	478.41	472.21	474.18	484.79	479.10	495.50	506.18
Lumber and wood products	296.34	289.73	288.07	294.86	294.23	299.03	301.73	301.76	300.62	300.03	292.19	293.83	297.54
Furniture and fixtures	325.60	326.30	324.72	334.27	324.24	319.16	321.20	315.21	333.34	324.01	327.24	320.40	332.52
Stone, clay, and glass products	419.15	417.42	412.59	413.83	419.67	415.24	419.57	418.32	418.32	416.72	416.34	427.43	431.38
Glass and glassware, pressed or blown	438.58	431.07	428.13	427.47	438.07	438.34	448.26	435.20	439.39	443.11	449.03	450.55	440.55
Primary metal industries	537.21	525.39	540.99	538.90	540.58	537.63	540.18	528.74	528.30	542.30	536.76	547.79	543.86
Blast furnace and basic steel products	524.34	525.21	549.25	536.69	555.82	543.43	542.34	523.89	512.87	526.41	518.09	512.08	503.97
Iron and steel foundries	548.61	529.19	538.10	537.79	524.45	548.49	544.62	512.91	539.71	555.54	550.84	603.00	594.95
Nonferrous rolling and drawing	600.81	579.42	581.56	606.09	582.22	579.44	586.60	619.16	600.48	610.57	601.52	627.45	625.07
Fabricated metal products	475.10	486.86	485.57	482.08	486.06	477.70	473.76	462.45	458.16	463.00	459.68	475.15	500.40
Cutlery, hand tools, and hardware	470.66	515.19	489.79	489.07	467.17	457.81	462.44	461.71	470.49	456.95	446.84	461.03	467.97
Fabricated structural metal products	419.84	421.42	414.34	406.96	406.89	413.24	415.00	415.07	410.44	430.36	420.75	448.22	429.51
Metal forgings and stampings	585.21	598.87	595.74	600.73	611.08	592.30	589.19	558.41	550.62	552.11	557.66	573.31	642.64
Machinery, except electrical	467.61	468.27	468.07	467.18	468.93	462.87	462.01	459.43	455.28	466.71	461.74	477.17	489.51
Construction and related machinery	416.87	422.26	427.03	420.43	420.65	420.89	414.72	405.16	398.11	412.27	413.48	417.18	432.64
Metalworking machinery	433.30	436.58	433.67	436.16	436.58	435.74	435.54	432.64	426.63	439.32	437.64	454.46	461.04
Special industry machinery	456.23	437.31	442.55	449.80	446.34	444.26	457.60	461.32	446.09	461.16	456.56	481.22	495.88
General industrial machinery	464.52	465.55	468.04	467.50	472.51	466.82	456.92	444.29	459.54	462.18	460.78	469.54	480.95
Office and computing machines	366.70	344.03	361.67	362.06	363.37	361.67	374.11	359.04	362.37	384.05	367.50	377.09	381.91
Refrigeration and service machinery	539.88	544.95	514.72	527.56	542.12	520.22	517.97	567.84	532.22	553.75	522.59	557.04	576.75
Electric and electronic equipment	420.65	410.41	420.34	417.08	421.04	420.65	411.68	412.29	417.38	423.74	424.56	428.69	440.58
Electrical industrial apparatus	404.67	377.39	390.17	403.65	404.17	402.70	402.21	410.69	409.12	414.41	410.86	417.49	415.48
Household appliances	431.26	429.32	450.17	431.36	430.20	424.54	413.31	425.08	426.22	421.74	422.80	427.73	466.77
Electric lighting and wiring equipment	417.08	402.78	410.48	416.94	425.15	411.64	412.64	399.37	413.30	418.40	431.99	440.99	414.06
Communication equipment	475.84	410.03	432.07	431.66	444.65	473.88	477.73	443.31	496.80	504.74	501.27	498.23	553.48
Transportation equipment	601.46	585.09	565.46	602.94	593.18	582.56	591.40	587.80	599.86	625.63	611.37	643.10	654.19
Motor vehicles and equipment	612.00	611.07	590.52	635.71	624.70	611.02	624.18	614.10	631.06	660.35	636.42	658.72	680.36
Aircraft and parts	540.90	515.82	500.82	514.31	509.83	507.36	512.86	535.86	527.92	549.07	559.68	633.65	600.55
Instruments and related products	321.80	321.60	328.86	334.15	327.65	317.60	315.20	310.07	315.19	321.19	320.40	334.14	335.79
Measuring and controlling devices	319.60	323.39	332.10	332.52	325.22	314.03	305.37	298.38	303.79	318.40	321.20	325.98	333.30
Nondurable Goods[c]	417.80	418.05	414.24	416.91	420.26	413.17	414.59	412.41	411.82	420.09	417.49	423.19	426.72
Food and kindred products	419.19	409.64	411.04	416.79	424.27	416.75	425.00	418.47	417.78	428.80	412.72	420.31	425.72
Meat products	399.84	391.40	381.64	407.68	417.22	394.42	394.42	398.79	387.09	422.23	401.29	401.29	403.85
Dairy products	418.93	424.86	408.31	418.61	408.00	416.56	418.28	416.98	418.39	426.07	426.07	423.24	429.10
Preserved fruits and vegetables	368.03	358.28	378.88	352.75	373.54	360.50	379.10	357.57	359.72	382.35	366.63	369.41	369.88
Bakery products	448.26	442.66	428.74	439.19	460.32	449.77	453.61	460.74	447.17	453.89	434.11	442.60	457.88
Beverages	380.89	358.66	362.21	374.22	383.66	373.51	415.23	374.46	388.90	387.08	384.73	378.10	393.09
Apparel and other textile products	247.49	249.22	248.03	252.98	245.05	244.94	240.13	238.06	242.35	249.48	251.14	253.82	252.32
Paper and allied products	450.40	449.90	442.67	444.00	446.54	452.24	440.50	445.59	445.56	455.40	450.98	466.51	463.09
Misc. converted paper products	406.29	395.37	394.07	408.22	396.52	402.12	405.29	414.86	397.46	394.90	397.03	427.00	441.81
Paperboard containers and boxes	393.69	402.52	396.63	394.07	369.30	408.03	384.44	384.64	384.71	403.34	390.93	400.58	386.74
Printing and publishing	386.30	388.47	389.76	385.30	388.85	384.29	380.76	379.10	378.33	388.08	384.38	391.33	398.04
Newspapers	325.65	320.10	319.47	326.32	321.71	327.63	322.74	324.38	321.42	320.08	333.05	339.18	328.27
Commercial printing	403.40	418.18	415.09	402.78	409.66	393.62	392.83	395.28	391.95	410.00	395.01	403.44	414.70

See footnotes at end of table.

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1984[a] (Continued)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Chemicals and allied products	$478.40	$474.89	$472.21	$476.28	$482.47	$473.30	$473.39	$470.76	$468.86	$479.08	$480.39	$488.97	$498.42
Industrial inorganic chemicals	514.58	511.04	514.79	508.57	519.29	518.18	512.51	513.36	503.48	510.47	528.60	518.75	522.90
Rubber and misc. plastics products	419.99	429.44	423.36	425.97	424.45	415.16	418.28	413.14	414.26	418.46	414.80	421.71	424.87
Tires and inner tubes	592.27	576.83	582.11	576.00	584.68	588.53	608.97	593.38	611.86	605.98	591.17	607.38	578.76
Miscellaneous plastics products	405.13	420.20	411.78	416.21	415.86	398.14	398.56	394.48	392.76	400.58	395.74	401.43	417.30
MINING	494.31	494.39	497.28	483.36	479.54	490.12	497.96	489.00	491.48	501.23	496.13	498.33	512.01
Bituminous coal and lignite mining	607.59	593.60	604.15	606.73	600.53	608.19	615.47	604.35	604.89	631.19	598.01	604.09	622.50
CONSTRUCTION	590.59	582.10	597.36	589.57	577.56	572.56	589.72	583.21	591.58	598.54	612.12	585.60	593.89
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	492.88	488.40	479.18	481.99	484.79	483.20	489.23	491.25	503.06	504.70	500.60	504.70	501.83
Communication	489.24	492.07	481.60	482.80	481.99	477.39	488.01	486.38	500.61	502.25	495.30	495.72	488.43
Electric, gas, and sanitary services ..	497.35	483.07	475.14	481.52	488.78	490.45	492.06	495.73	505.93	509.61	508.39	516.22	520.81
WHOLESALE TRADE	340.81	337.85	335.23	335.94	339.63	342.07	342.86	342.94	340.34	342.61	341.82	341.82	345.14
Wholesale trade—durable goods	335.31	331.67	330.37	332.77	336.80	337.16	338.40	334.57	334.51	339.77	337.79	334.90	339.44
Wholesale trade—nondurable goods	349.59	349.20	344.45	341.76	344.45	349.98	351.53	355.21	350.45	349.07	348.94	352.82	355.16
RETAIL TRADE[f]	156.60	157.28	156.13	156.67	157.22	156.60	157.63	158.12	156.76	155.48	154.15	153.90	158.47
General merchandise stores	165.14	160.73	160.52	165.19	166.90	165.80	168.17	166.77	165.14	165.98	162.76	160.23	174.20
Department stores	168.11	163.65	162.88	168.17	169.89	169.07	171.19	170.02	168.11	169.22	165.39	162.58	176.69
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	223.75	221.45	222.06	222.84	222.78	221.51	224.14	225.69	225.44	224.23	223.83	224.55	226.42
Credit agencies other than banks	215.74	211.62	214.26	213.57	214.24	213.87	214.40	215.44	216.65	217.95	217.09	218.97	220.36
Insurance carriers	296.12	290.02	292.38	292.31	294.34	295.11	294.06	296.44	296.60	298.87	300.64	301.82	303.56
SERVICES	......	......	......	......	......	......	......	......	......	......	......	......	......
Health services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	290.10	286.79	282.20	282.86	285.90	285.71	288.10	290.64	290.98	296.48	294.34	298.32	297.78

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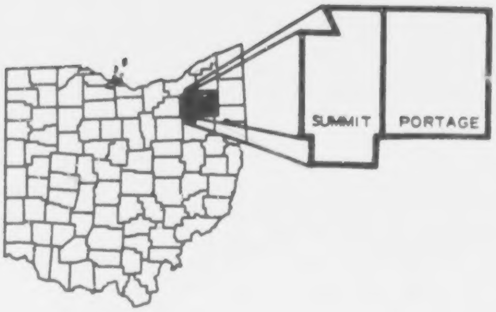
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-0 (1984)

AKRON

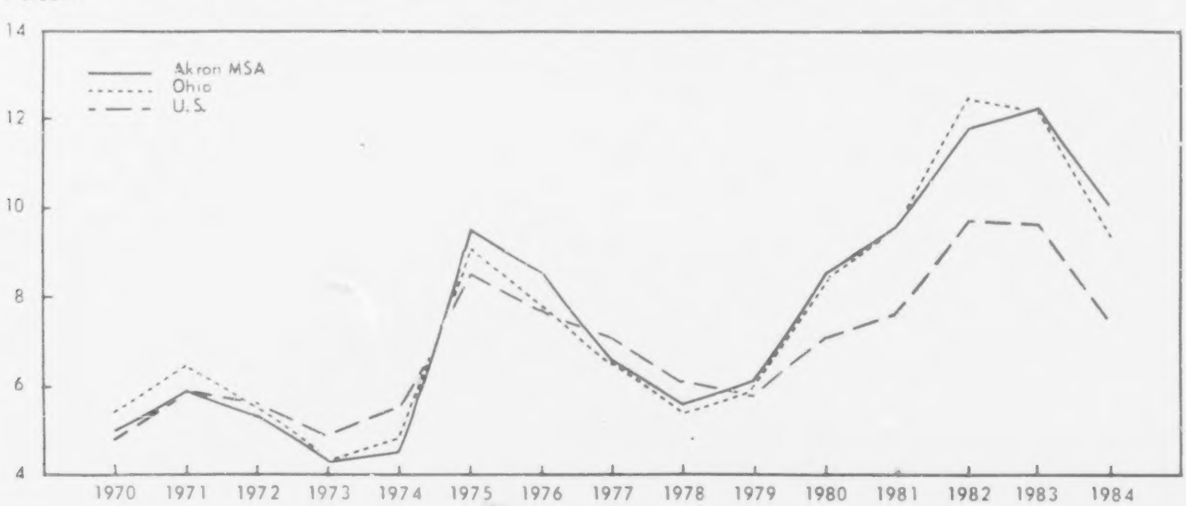
PRIMARY METROPOLITAN STATISTICAL AREA



In the Akron area, the estimated annual average civilian labor force, based on place of residence, slipped 1,700 from 1983 to 300,700 in 1984. Employment in the area rose 5,200 over the year, and unemployment dropped 6,900 to a 1984 total of 30,300. The unemployment rate declined from 12.3 percent in 1983 to 10.1 percent in 1984 (see table, page 23).

Nonagricultural wage and salary employment in the Akron area advanced 2.7 percent, from 244,700 in 1983, to 251,200 in 1984. After significant losses during the 1979-1983 economic downturns, the rubber and miscellaneous plastics products industry showed signs of recovery, although the increase occurred in plastics products, rather than tires and inner tubes (see table, page 23). Permanent plant closings associated with a general decline in the rubber industry accounted for much of the long-term employment losses in the Akron area. Important declines have also occurred in fabricated metals and nonelectrical machinery (see table, page 23). Expansion in wholesale trade, retail trade, and services has helped to offset the losses in manufacturing employment.

AKRON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Akron	Ohio	U.S.
1970	276.4	262.5	13.8	5.0	5.4	4.9
1971	277.7	261.3	16.3	5.9	6.5	5.9
1972	282.2	267.3	14.8	5.3	5.5	5.6
1973	287.1	274.9	12.2	4.3	4.3	4.9
1974	290.8	277.7	13.0	4.5	4.8	5.6
1975	292.0	264.3	27.7	9.5	9.1	8.5
1976	291.3	266.3	25.0	8.6	7.8	7.7
1977	294.2	274.7	19.5	6.6	6.5	7.1
1978	298.9	282.2	16.7	5.6	5.4	6.1
1979	303.8	285.4	18.4	6.1	5.9	5.8
1980	304.5	278.3	26.2	8.6	8.4	7.1
1981	304.1	274.9	29.1	9.6	9.6	7.6
1982	303.9	268.0	35.9	11.8	12.5	9.7
1983	302.4	265.2	37.2	12.3	12.2	9.6
1984	300.7	270.4	30.3	10.1	9.4	7.5

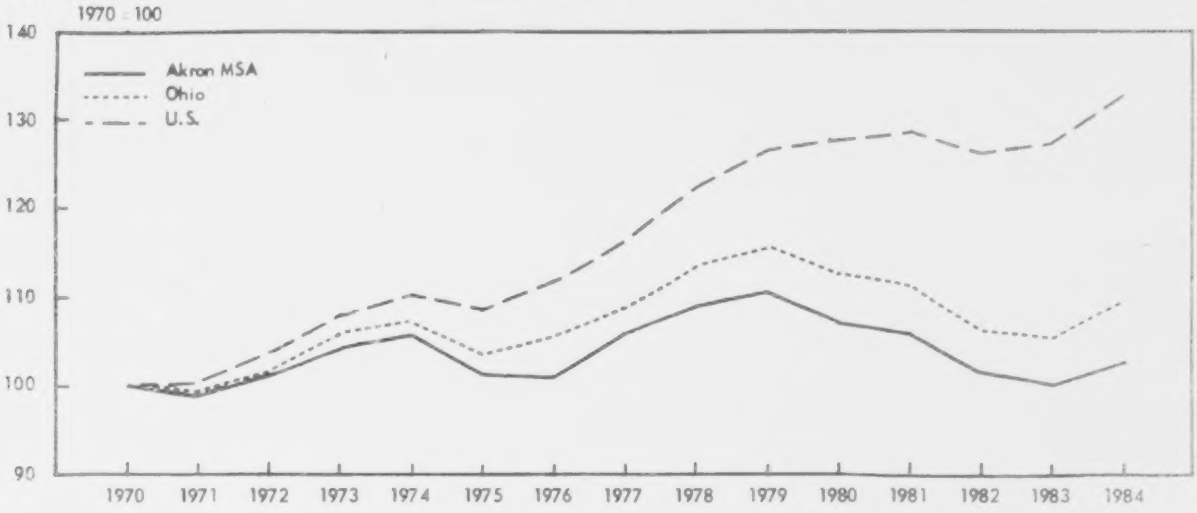
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE AKRON PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

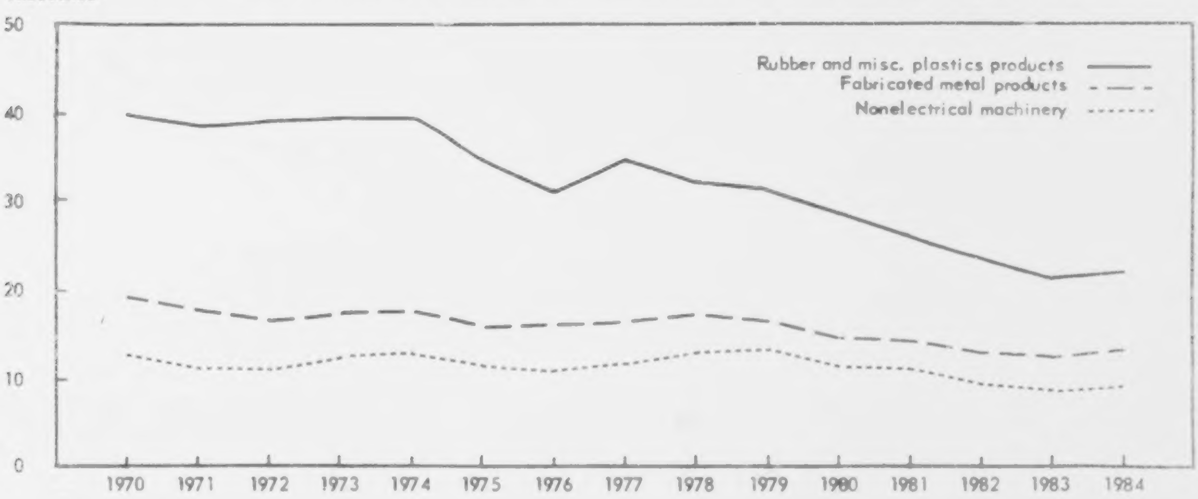
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979-1983	1983-1984	Akron	Ohio
TOTAL	270.9	244.7	251.2	- 26.2	6.5	24.8	39.8
MANUFACTURING	85.6	65.2	67.5	- 20.4	2.3	11.3	18.7
Durable Goods	41.8	32.7	34.9	- 9.1	2.2	24.2	18.8
Fabricated metal products	16.3	12.3	13.1	- 4.0	.8	20.0	18.6
Machinery, except electrical	13.0	8.5	9.1	- 4.5	.6	13.3	18.5
Nondurable Goods	43.9	32.5	32.6	- 11.4	.1	.9	18.4
Rubber and misc. plastics products	31.6	21.6	22.0	- 10.0	.4	4.0	34.6
Tires and inner tubes	24.7	15.5	15.3	- 9.2	- .2	-	.0
CONSTRUCTION	9.2	6.9	7.9	- 2.3	1.0	43.5	23.2
TRANSPORTATION AND PUBLIC UTILITIES	15.2	12.5	13.2	- 2.7	.7	25.9	21.4
WHOLESALE TRADE	11.4	11.4	12.5	.0	1.1	+	130.1
RETAIL TRADE	46.2	45.3	46.6	- .9	1.3	144.4	95.2
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.2	9.2	- .2	.0	.0	+
SERVICES	49.7	52.3	52.7	2.6	.4	+	+
GOVERNMENT	43.2	40.7	40.4	- 2.5	- .3	-	-
State government	12.4	13.1	13.3	.7	.2	+	+
Local government	28.7	25.5	25.0	- 3.2	- .5	-	-

+ No downturn
- No upturn

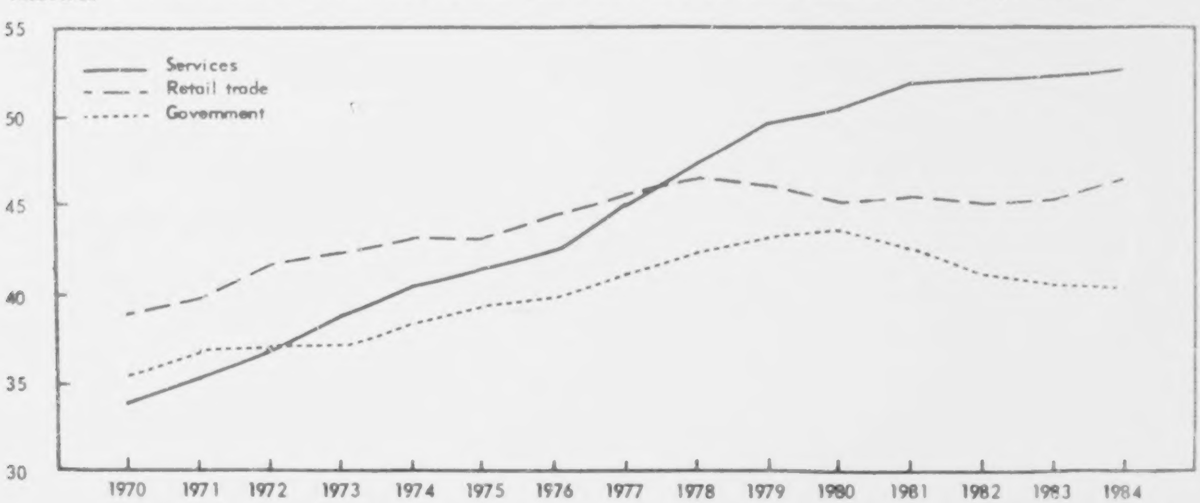
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

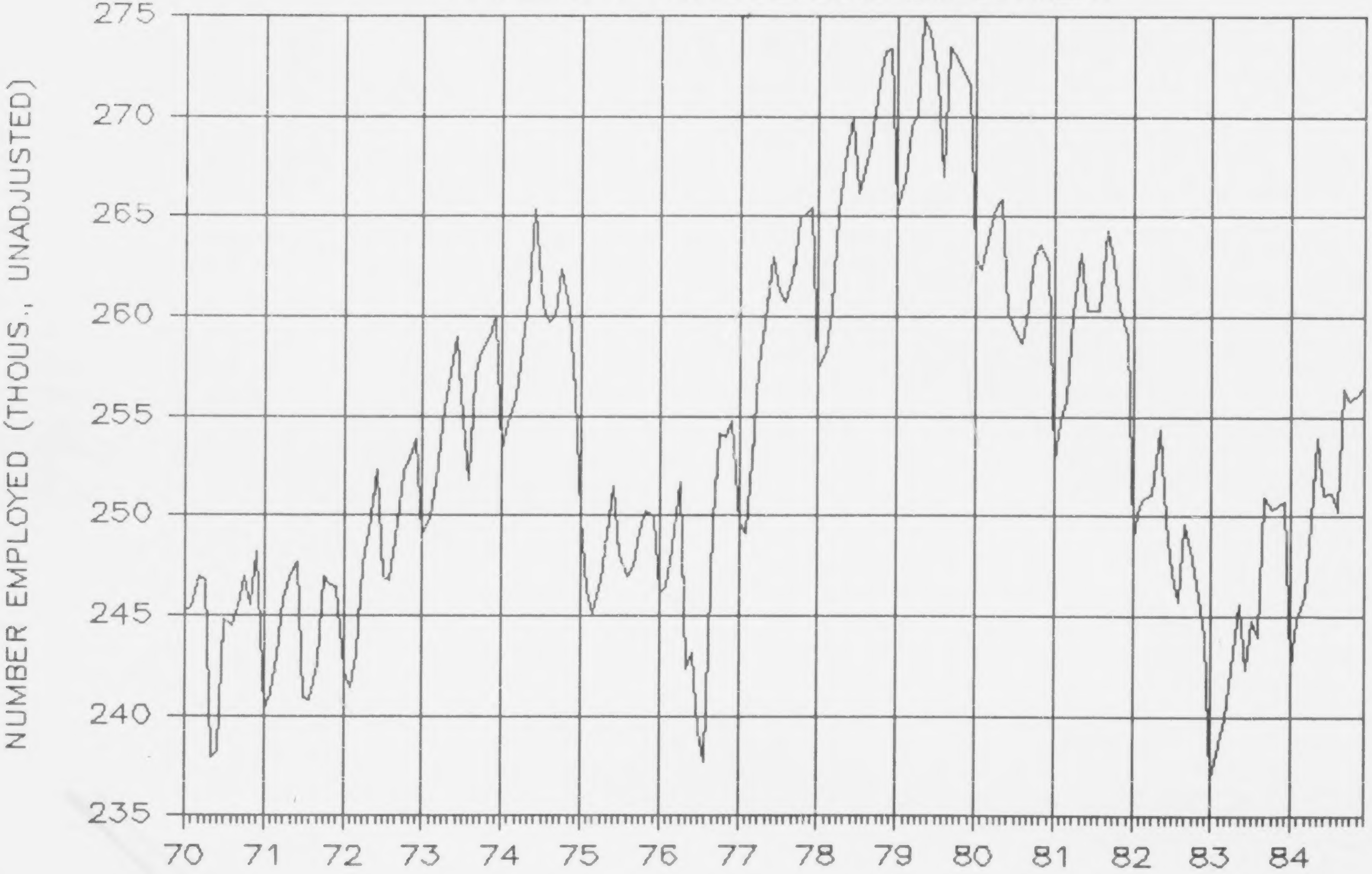


AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



AKRON PMSA

TOTAL NON-AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	251.2	242.5	244.8	246.0	249.8	253.9	251.1	251.2	250.4	256.4	255.8	256.1	256.5
MANUFACTURING	67.5	65.8	66.1	66.3	67.0	67.9	68.6	68.6	68.1	68.4	67.9	67.9	67.5
Durable Goods[b]	34.9	33.4	33.7	33.9	34.3	35.1	35.5	35.6	35.2	35.8	35.6	35.7	35.5
Fabricated metal products	13.1	12.6	12.8	12.8	13.0	13.3	13.3	13.3	12.9	13.4	13.2	13.4	13.4
Machinery, except electrical	9.1	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.4	9.4	9.5	9.4	9.2
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2
Nondurable Goods[c]	32.6	32.3	32.4	32.4	32.7	32.8	33.1	33.0	32.9	32.6	32.3	32.3	32.1
Food and kindred products	2.6	2.5	2.5	2.5	2.5	2.6	2.7	2.6	2.7	2.6	2.6	2.6	2.6
Chemicals and allied products	2.8	2.9	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.7	2.7	2.6
Rubber and misc. plastics products	22.0	21.8	21.9	21.9	22.1	22.1	22.2	22.2	22.1	22.0	22.0	22.0	21.9
Tires and inner tubes	15.3	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.3	15.2	15.1	15.3	15.3
NONMANUFACTURING[d]	183.7	176.7	178.7	179.7	182.8	186.0	182.5	182.6	182.3	187.9	187.9	188.2	189.0
CONSTRUCTION	7.9	5.8	5.6	5.8	6.8	7.5	8.3	9.1	9.4	9.4	9.6	9.0	8.4
TRANSPORTATION AND PUBLIC UTILITIES	13.2	12.7	12.9	13.0	13.1	13.2	13.2	13.2	13.3	13.4	13.4	13.3	13.3
Communication, electric, gas services	5.6	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.5	5.5	5.5	5.5
WHOLESALE TRADE	13.0	12.3	12.4	12.5	12.8	13.0	13.1	13.2	13.3	13.3	13.4	13.4	13.6
RETAIL TRADE	46.6	45.3	44.9	45.2	45.9	46.4	46.8	47.1	47.0	47.4	47.1	47.6	48.6
General merchandise stores	6.8	6.8	6.5	6.4	6.5	6.5	6.5	6.6	6.6	6.7	6.9	7.3	7.8
FINANCE, INSURANCE, AND REAL ESTATE	9.2	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.4	9.4
Banking	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.0
SERVICES	52.7	50.9	51.1	51.2	52.6	53.7	54.4	54.0	53.7	53.0	52.5	52.4	52.5
Business services	9.6	9.0	9.0	9.1	9.4	9.6	9.6	9.6	9.7	9.8	10.0	9.9	10.0
Amusement and recreation services	3.2	2.4	2.5	2.4	2.8	3.6	4.1	4.3	4.2	3.4	2.7	2.7	2.8
Health services	17.4	17.6	17.7	17.6	17.5	17.5	17.5	17.4	17.1	17.1	17.2	17.2	17.1
GOVERNMENT	40.4	40.1	42.2	42.2	42.0	42.2	36.6	36.1	35.6	41.3	41.9	42.3	42.5
State government	13.3	12.5	14.5	14.7	14.5	14.5	9.1	10.3	10.2	14.4	14.9	15.0	15.2
State government education	10.4	9.6	11.7	11.9	11.7	11.7	6.1	7.3	7.2	11.5	12.1	12.2	12.3
State government, except education	2.9	2.9	2.9	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.9	2.9
Local government	25.0	25.5	25.6	25.5	25.4	25.6	25.4	23.7	23.2	24.7	24.9	25.2	25.1
Local government education	13.3	13.8	14.0	13.9	13.7	13.8	13.0	11.7	11.4	13.2	13.6	13.8	13.8
Local government, except education	11.7	11.7	11.6	11.6	11.7	11.8	12.4	12.0	11.8	11.6	11.3	11.4	11.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-85 RS-790-1-1 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	244.7	236.9	238.6	239.9	242.3	245.5	242.2	244.7	243.9	250.8	250.2	250.3	250.5
MANUFACTURING	65.2	63.5	64.0	64.1	64.6	64.6	64.9	65.6	66.0	66.3	66.6	66.3	65.9
Durable Goods[b]	32.7	31.3	31.9	32.1	32.3	32.3	32.4	32.7	33.2	33.6	33.9	33.6	33.4
Fabricated metal products	12.3	11.9	12.4	12.5	12.6	12.4	12.3	12.0	12.2	12.3	12.4	12.6	12.6
Machinery, except electrical	8.5	8.1	8.1	8.1	8.2	8.3	8.4	8.8	8.9	9.1	9.2	8.8	8.6
Metalworking machinery	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Nondurable Goods[c]	32.5	32.2	32.1	32.0	32.3	32.3	32.5	32.9	32.8	32.7	32.8	32.7	32.5
Food and kindred products	2.6	2.7	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.6	2.7
Chemicals and allied products	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9
Rubber and misc. plastics products	21.6	21.4	21.3	21.3	21.5	21.4	21.5	21.8	21.8	21.8	21.9	21.9	21.8
Tires and inner tubes	15.5	15.7	15.6	15.6	15.6	15.5	15.5	15.6	15.5	15.4	15.5	15.4	15.3
NONMANUFACTURING[d]	179.5	173.5	174.7	175.8	177.7	180.9	177.3	179.1	177.9	184.5	183.6	184.1	184.6
CONSTRUCTION	6.9	5.2	5.0	5.2	5.8	6.6	7.5	7.9	8.1	8.2	8.2	7.8	7.2
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.3	12.4	12.4	12.5	12.6	12.7	12.8	11.8	12.7	12.8	12.8	12.8
Communication, electric, gas services	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.5	4.5[e]	5.5	5.5	5.5	5.5
WHOLESALE TRADE	11.9	11.5	11.5	11.6	11.5	11.6	11.7	12.0	12.1	12.2	12.2	12.3	12.5
RETAIL TRADE	45.3	43.5	43.0	43.4	44.3	44.9	45.4	45.6	46.0	46.2	46.3	46.9	47.9
General merchandise stores	6.6	6.7	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.5	6.7	7.2	7.6
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.2	9.1	9.1	9.1	9.2	9.3	9.2	9.2	9.1	9.1	9.0	9.0
Banking	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
SERVICES	52.3	50.7	50.6	50.8	51.3	52.7	53.6	54.3	54.1	53.1	52.4	52.3	52.2
Business services	8.5	8.1	8.1	8.1	8.2	8.4	8.4	8.8	8.7	8.8	8.7	8.8	8.9
Amusement and recreation services	3.2	2.5	2.6	2.5	2.8	3.8	4.3	4.4	4.4	3.2	2.4	2.5	2.6
Health services	17.7	17.7	17.5	17.5	17.6	17.6	17.7	17.9	18.0	17.9	17.9	17.9	17.9
GOVERNMENT	40.7	40.4	42.4	42.6	42.4	42.6	36.4	36.7	36.0	42.2	42.0	42.3	42.5
State government	13.1	12.5	14.2	14.4	14.3	14.3	8.8	10.1	10.0	14.7	14.5	14.5	14.7
State government education	10.1	9.5	11.3	11.4	11.4	11.4	5.8	7.1	7.0	11.8	11.6	11.7	11.8
State government, except education	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.9
Local government	25.5	25.9	26.1	26.2	26.1	26.3	25.5	24.5	23.9	25.5	25.5	25.6	25.5
Local government education	13.6	14.2	14.5	14.6	14.3	14.3	13.4	11.8	11.6	13.5	13.7	13.8	13.7
Local government, except education	11.9	11.7	11.6	11.6	11.7	11.9	12.1	12.7	12.3	12.0	11.6	11.8	11.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-1 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1970-1982[a]

(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	244.7	244.1	248.1	255.2	259.0	248.4	247.3	259.3	266.6	270.9	262.4	259.5	248.8
MANUFACTURING	96.4	91.7	91.3	94.0	94.2	84.5	80.3	85.6	85.9	85.6	79.1	75.7	68.3
Durable Goods[b]	45.0	41.5	41.1	43.1	43.4	38.7	38.0	39.5	41.9	41.8	38.4	37.8	33.9
Fabricated metal products	19.2	17.8	16.8	17.3	17.4	15.8	16.0	16.4	17.1	16.3	14.7	14.2	12.7
Machinery, except electrical	12.7	11.1	11.1	12.3	12.8	11.4	10.9	11.6	12.9	13.0	11.3	11.0	9.4
Nondurable Goods[c]	51.3	50.1	50.2	50.9	50.8	45.8	42.3	46.1	44.0	43.9	40.8	37.9	34.4
Food and kindred products	3.8	3.8	3.4	3.3	3.2	3.0	2.9	2.9	3.1	3.2	3.2	2.9	2.7
Chemicals and allied products	3.7	3.7	3.7	3.4	3.4	3.3	3.4	3.6	3.8	4.0	3.6	3.4	3.3
Rubber and misc. plastics products	39.9	38.6	38.8	39.4	39.3	34.9	31.3	34.8	32.3	31.6	28.7	26.3	23.5
Tires and inner tubes	33.6	32.8	32.6	32.8	32.7	29.2	24.6	28.1	25.5	24.7	22.5	20.2	17.7
NONMANUFACTURING[d]	148.3	152.4	156.8	161.2	164.8	163.9	167.0	173.7	180.7	185.3	183.3	183.8	180.5
CONSTRUCTION	8.6	8.1	8.1	8.2	8.2	7.5	7.0	7.6	8.6	9.2	8.0	7.7	7.0
TRANSPORTATION AND PUBLIC UTILITIES	14.9	15.3	15.6	16.0	15.8	14.1	14.1	14.3	14.6	15.2	14.2	14.0	13.1
Communication, electric, gas services ..	5.2	5.3	5.3	5.4	5.4	5.3	5.1	5.0	5.1	5.3	5.4	5.5	5.6
WHOLESALE TRADE	9.5	9.3	9.3	9.7	10.0	10.0	10.3	10.8	11.5	11.9	12.0	12.5	12.2
RETAIL TRADE	38.8	39.9	41.6	42.4	43.2	43.1	44.5	45.6	46.6	46.2	45.3	45.5	45.1
FINANCE, INSURANCE, AND REAL ESTATE	7.0	7.4	8.4	8.6	8.5	8.2	8.4	8.9	9.2	9.4	9.3	9.3	9.3
SERVICES	33.8	35.3	36.8	38.9	40.4	41.4	42.6	45.1	47.4	49.7	50.4	51.8	52.1
GOVERNMENT	35.4	36.8	36.8	36.9	38.3	39.3	39.8	41.2	42.4	43.2	43.6	42.5	41.1
State government (includes education) ..	11.3	11.9	11.4	11.4	11.6	11.4	11.5	12.0	12.2	12.4	12.8	12.8	12.8
Local government (includes education) ..	21.5	22.3	22.8	23.0	24.2	25.5	26.0	27.0	28.0	28.7	28.4	27.6	26.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision."
[b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-26-85 RS 790-0-1

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.77	$10.72	$10.66	$10.72	$10.67	$10.74	$10.79	$10.68	$10.76	$10.76	$10.83	$10.85	$10.97
Durable goods[b]	11.06	11.10	11.04	11.07	10.97	11.05	11.08	10.87	11.01	10.95	11.11	11.09	11.36
Fabricated metal products	13.25	13.26	13.25	13.32	13.27	13.37	13.50	12.86	13.21	12.94	13.29	12.99	13.62
Machinery, except electrical	9.35	9.24	9.13	9.27	9.19	9.26	9.30	9.41	9.42	9.46	9.44	9.43	9.53
Metalworking machinery	9.58	9.54	9.58	9.64	9.56	9.49	9.47	9.64	9.52	9.60	9.61	9.57	9.81
Nondurable goods[c]	10.31	10.15	10.13	10.19	10.23	10.25	10.35	10.40	10.38	10.45	10.40	10.45	10.33
Food and kindred products	10.30	10.19	10.04	10.25	10.26	10.38	10.35	10.28	10.33	10.39	10.38	10.41	10.30
Chemicals and allied products	10.77	10.51	10.72	10.94	10.98	10.76	10.92	10.83	10.75	10.88	10.72	10.69	10.43
Rubber and misc. plastics products	10.69	10.46	10.51	10.60	10.69	10.66	10.77	10.81	10.86	10.83	10.70	10.70	10.63
Tires and inner tubes	13.47	13.30	13.37	13.34	13.36	13.33	13.59	13.66	13.67	13.63	13.51	13.51	13.39
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.37	~~12.27~~	12.28	12.24	12.26	12.14	12.35	12.16	12.52	12.65	12.51	12.59	12.55
WHOLESALE TRADE	8.07	7.79	7.85	7.89	8.05	8.08	8.03	8.06	8.23	8.17	8.17	8.14	8.30
RETAIL TRADE[d]	5.94	5.91	5.93	5.86	5.96	5.91	5.93	5.89	5.98	5.98	6.03	5.99	5.86

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products, miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay periods. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-23-85 RS-790-4-1 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.7	[illegible]	43.8	43.6	43.9	43.3	43.8	43.4	43.3	43.3	42.9	44.2	45.2
Durable Goods[b]	[illegible]	[illegible]	44.4	44.0	44.2	43.9	44.1	43.7	43.1	43.7	43.3	45.1	46.4
Fabricated metal products	44.8	[illegible]	45.1	45.3	45.9	45.1	44.9	42.7	41.6	42.6	42.3	45.9	49.2
Machinery, except electrical	45.1	[illegible]	44.7	44.2	44.5	44.8	45.4	46.2	44.7	45.0	44.5	45.4	46.8
Metalworking machinery	44.7	44.9	44.6	44.6	44.9	44.5	45.0	45.5	43.4	44.7	44.0	44.9	46.2
Nondurable Goods[c]	[illegible]	[illegible]	42.9	43.2	43.4	42.4	43.5	43.1	43.5	42.7	42.3	42.8	43.2
Food and kindred products	[illegible]	[illegible]	43.1	45.1	44.0	45.5	45.3	45.0	44.0	42.8	42.5	43.9	43.7
Chemicals and allied products	[illegible]	[illegible]	42.9	41.3	41.3	40.8	42.0	42.9	41.6	41.5	40.8	41.8	41.1
Rubber and misc. plastics products	[illegible]	[illegible]	44.0	[illegible]	45.0	43.7	45.0	43.9	45.0	44.0	43.5	44.3	44.3
Tires and inner tubes	[illegible]	[illegible]	46.7	46.4	47.2	47.0	46.4	47.7	43.3	45.5	47.1	47.8	47.2
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	[illegible]	41.7	41.7	40.4	40.5	40.6	40.9	40.9	40.8	41.3	40.7	40.8	40.5
WHOLESALE TRADE	39.4	39.7	39.4	[illegible]	39.7	39.8	40.2	39.7	40.0	39.2	38.9	39.2	39.1
RETAIL TRADE	[illegible]	[illegible]	29.4	[illegible]	29.7	29.8	30.0	30.9	30.1	29.8	29.7	29.8	30.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for standby or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual—1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Low due to labor-management disputes during part of pay period. [e] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-12-85 RS-790-3-1 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$470.65	$470.61	$467.78	$467.39	$468.41	$465.04	$472.60	$463.51	$465.91	$465.91	$464.61	$479.57	$495.84
Durable Goods[b]	488.85	493.95	490.18	487.08	484.87	485.10	488.63	475.02	474.53	478.52	481.06	499.05	527.10
Fabricated metal products	593.60	620.57	610.83	603.40	599.80	602.99	606.15	549.12	549.54	551.24	562.17	596.24	670.10
Machinery, except electrical	421.69	408.41	408.11	409.73	411.71	414.85	422.22	434.74	421.07	425.70	420.08	428.12	446.00
Metalworking machinery	428.23	424.53	427.27	429.94	429.24	422.31	426.15	434.07	413.17	429.12	422.84	429.69	453.22
Nondurable Goods[c]	443.33	436.45	433.56	439.19	443.98	434.60	450.23	448.24	451.53	446.22	439.92	447.26	446.26
Food and kindred products	456.29	458.55	436.90	464.33	459.65	472.29	468.86	462.60	454.52	444.69	441.15	457.00	450.11
Chemicals and allied products	451.26	454.11	459.89	473.70	453.47	439.01	458.64	464.61	447.20	451.52	437.38	446.84	428.67
Rubber and misc. plastics products	472.50	461.12	462.44	468.52	481.05	465.84	484.65	474.56	488.70	476.52	465.45	474.01	470.91
Tires and inner tubes	639.83	614.46	624.38	618.98	630.59	626.51	657.76	651.58	673.93	661.06	636.32	645.78	632.01
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	503.46	493.39	499.80	494.50	496.53	492.88	501.03	497.34	510.82	522.45	509.16	513.67	508.28
WHOLESALE TRADE	317.96	301.47	309.29	311.66	319.59	321.58	322.81	319.98	329.20	320.26	317.81	319.09	324.53
RETAIL TRADE[d]	177.61	172.57	174.34	176.42	177.01	176.12	177.90	178.47	180.00	178.20	179.09	178.50	180.49

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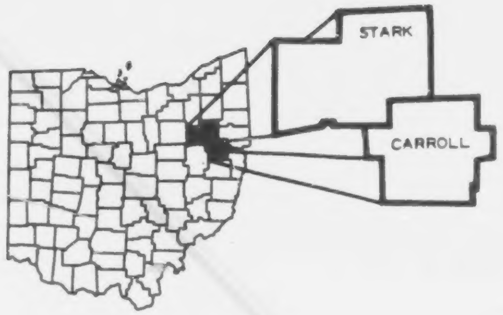
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full-and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone,clay,glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-1 (1984)

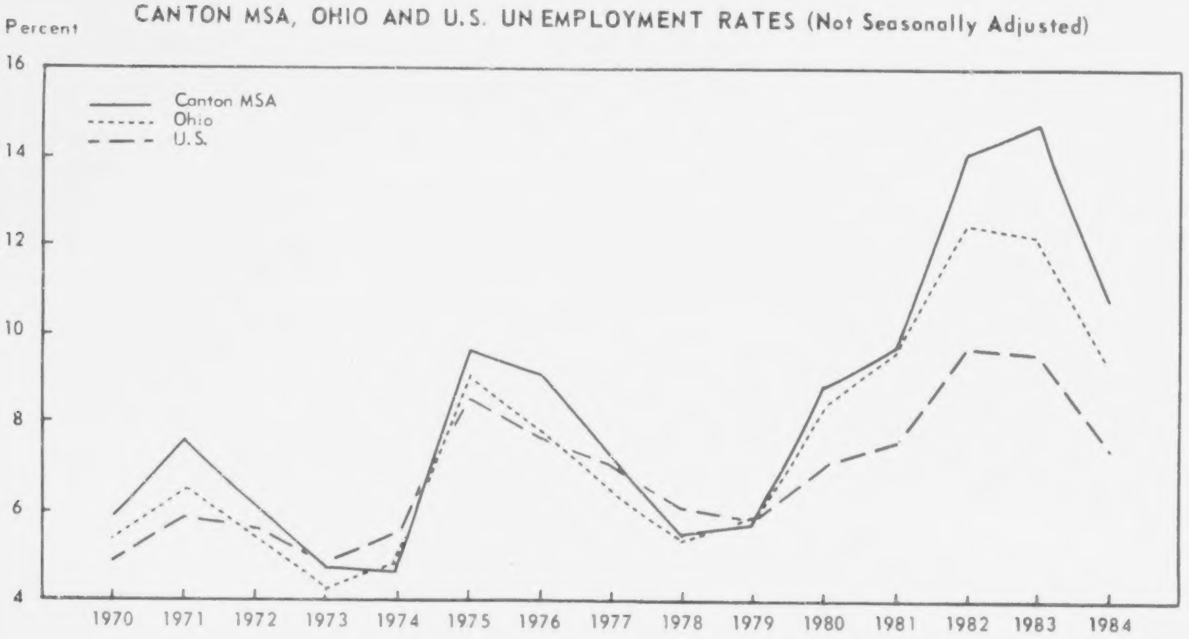
CANTON
METROPOLITAN STATISTICAL AREA



The estimated annual average civilian labor force in the Canton area, based on place of residence, decreased 3,000 from 1983 to 184,000 in 1984. Employment rose 4,700 over the year, but unemployment dropped 7,600 to a 1984 total of 19,900. The unemployment rate declined from 14.7 percent in 1983 to 10.8 percent in 1984 (see table, page 33).

Nonfarm wage and salary employment increased 3.7 percent in the Canton metropolitan area between 1983 and 1984, up from 143,400 to 148,700. Primary metals and retail trade were the biggest gainers over the year. During the recent economic downturns, from 1979 to 1983, durable-goods industries in Canton, especially primary metals and fabricated metal products, had the sharpest declines (see table, bottom of page 33). Employment also dropped significantly in transportation and public utilities, retail trade, and rubber and miscellaneous plastics products. At the end of 1984, just 30.5 percent of nonfarm jobs lost between 1979 and 1983 had been recovered.

CANTON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

CANTON METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b] Canton	Unemployment Rate[b] Ohio	Unemployment Rate[b] U.S.
1970	162.7	153.1	9.6	5.9	5.4	4.9
1971	164.9	152.3	12.6	7.6	6.5	5.9
1972	165.6	155.3	10.3	6.2	5.5	5.6
1973	171.2	163.1	8.1	4.7	4.3	4.9
1974	175.6	167.5	8.1	4.6	4.8	5.6
1975	174.7	158.0	16.7	9.6	9.1	8.5
1976	174.7	158.9	15.8	9.1	7.8	7.7
1977	175.9	163.1	12.8	7.3	6.5	7.1
1978	179.9	170.0	9.9	5.5	5.4	6.1
1979	184.3	173.7	10.6	5.7	5.9	5.8
1980	187.7	170.9	16.8	8.9	8.4	7.1
1981	188.4	170.1	18.2	9.7	9.6	7.6
1982	191.4	164.3	27.0	14.1	12.5	9.7
1983	187.0	159.5	27.5	14.7	12.2	9.6
1984	184.0	164.2	19.9	10.8	9.4	7.5

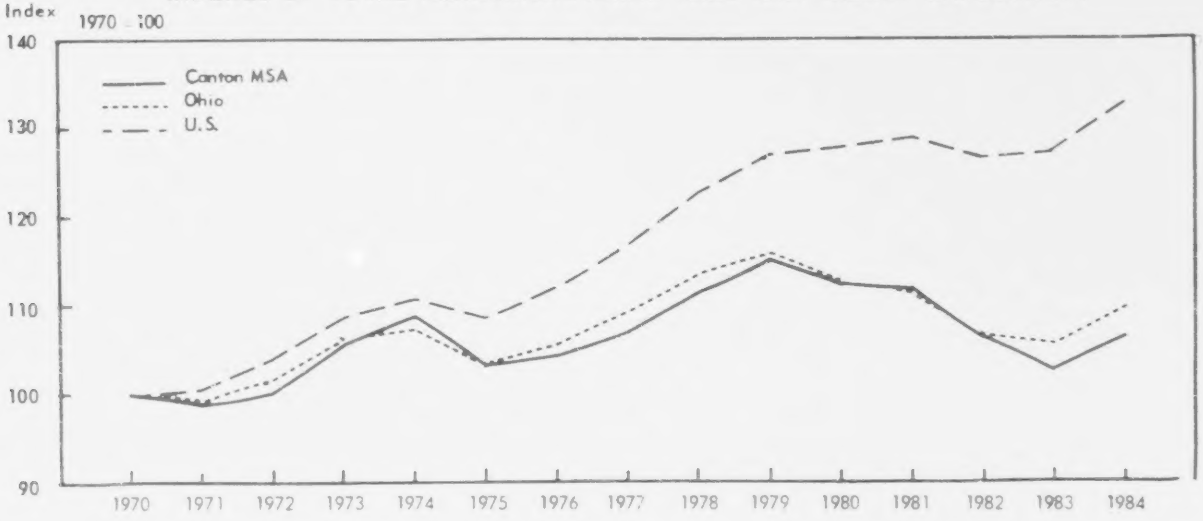
[a] These data are estimates based on place of residence. [b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CANTON METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

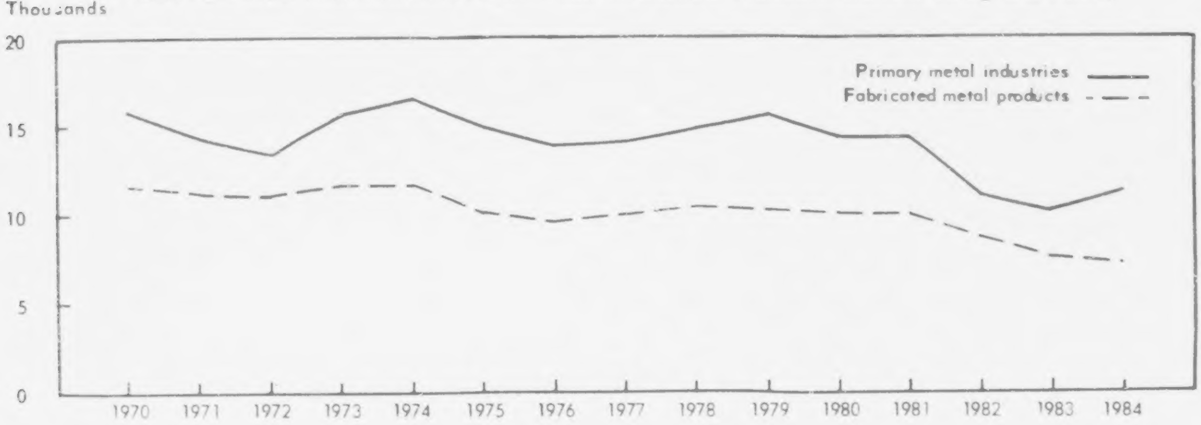
Industry	Employment (in thousands) 1979	1983	1984	Employment Change 1979-1983	1983-1984	Percent Recovery Canton	Ohio
TOTAL	160.8	143.4	148.7	- 17.4	5.3	30.5	[illegible]
MANUFACTURING	59.1	43.5	46.2	- 15.6	2.7	17.3	[illegible]
Durable Goods	46.4	33.0	35.0	- 13.4	2.0	14.9	[illegible]
Primary metal industries	15.6	10.2	11.4	- 5.4	1.2	22.2	[illegible]
Fabricated metal products	[illegible]	[illegible]	7.3	- [illegible]	- .3	-	[illegible]
Nondurable Goods	[illegible]	[illegible]	11.2	- 2.1	[illegible]	[illegible]	18.4
Food and kindred products	4.4	3.7	[illegible]	- .7	[illegible]	[illegible]	-
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	- [illegible]	.3	[illegible]	[illegible]
CONSTRUCTION	[illegible]	4.3	[illegible]	- [illegible]	[illegible]	33.3	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	- [illegible]	.3	[illegible]	[illegible]
WHOLESALE TRADE	7.2	[illegible]	[illegible]	[illegible]	[illegible]	+	[illegible]
RETAIL TRADE	27.1	26.1	27.3	- [illegible]	1.2	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]	+ -	+
SERVICES	[illegible]	[illegible]	31.3	[illegible]	[illegible]	+	+
GOVERNMENT	16.3	[illegible]	[illegible]	- [illegible]	- [illegible]	-	-
Local government	15.1	[illegible]	[illegible]	[illegible]	- [illegible]	+ -	-

+ No downturn, 1979-1983
- No upturn, 1983-1984

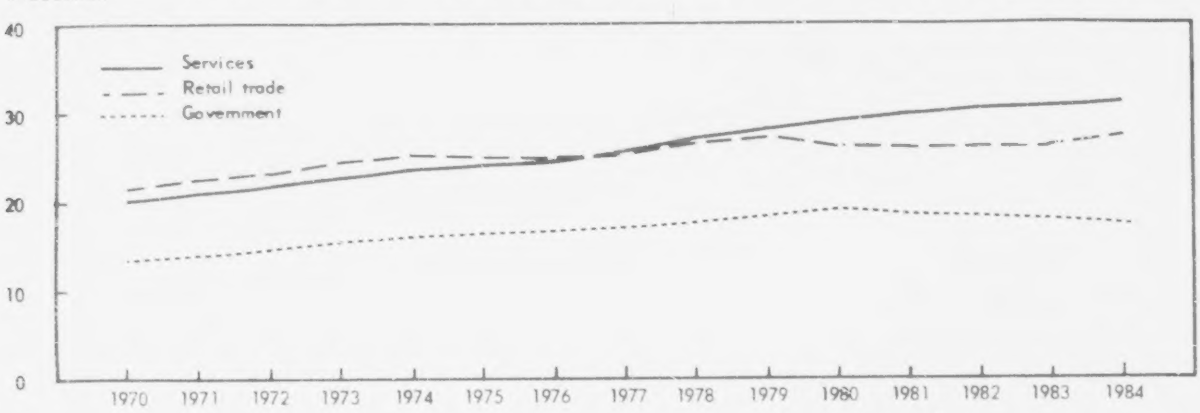
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

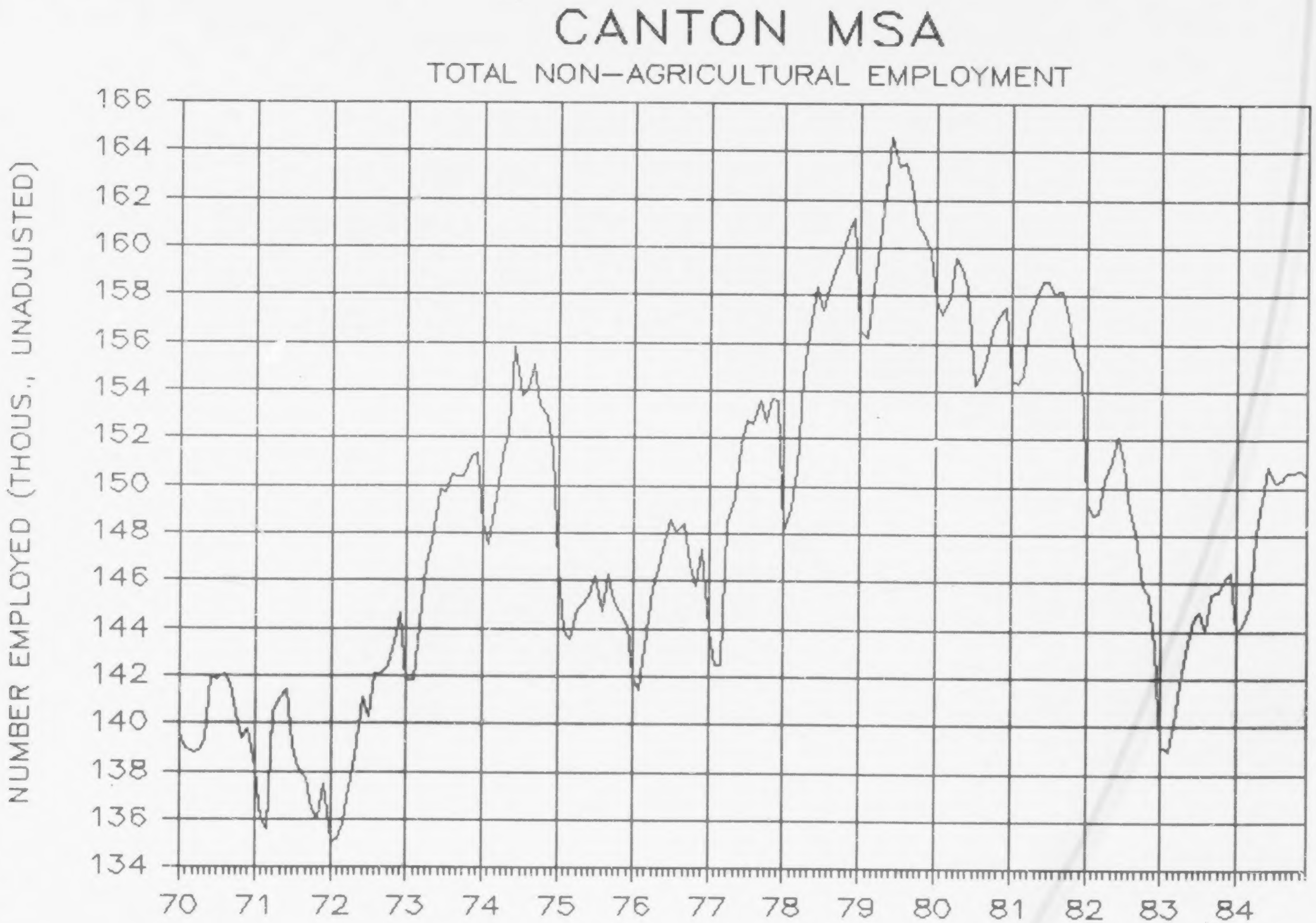


CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




CANTON MSA
TOTAL NON-AGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUS., UNADJUSTED)
166
164
162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
70
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83
84

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	148.7	143.9	144.2	145.0	148.0	149.5	150.9	150.2	150.3	150.6	150.6	150.7	150.5
MANUFACTURING	46.2	44.7	44.8	45.8	46.0	46.1	46.7	46.7	47.0	46.7	46.7	46.8	46.5
Durable Goods[b]	35.0	33.8	34.1	34.8	34.8	34.9	35.2	35.3	35.5	35.3	35.4	35.4	35.1
Primary metal industries	11.4	10.9	11.2	11.4	11.4	11.4	11.6	11.8	11.8	11.4	11.5	11.2	10.8
Fabricated metal products	7.3	7.3	7.0	7.1	7.0	7.1	7.3	7.2	7.4	7.4	7.5	7.6	7.6
Metal forgings and stampings	2.8	2.6	2.5	2.6	2.6	2.8	2.8	2.8	2.9	2.9	3.1	3.1	3.1
Nondurable Goods[c]	11.2	10.9	10.7	11.0	11.1	11.2	11.5	11.4	11.5	11.4	11.3	11.4	11.4
Food and kindred products	3.9	3.8	3.7	3.8	3.8	3.8	4.0	4.0	4.1	4.0	3.9	3.9	3.9
Rubber and misc. plastics products	2.8	2.7	2.7	2.8	2.8	3.0	2.9	2.8	2.9	2.8	2.8	2.8	2.8
NONMANUFACTURING[d]	102.5	99.2	99.4	99.3	102.1	103.4	104.2	103.5	103.4	103.9	103.9	104.0	104.0
CONSTRUCTION	5.0	3.8	3.8	3.8	4.4	4.9	5.4	5.7	5.8	5.9	6.0	5.7	5.3
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.2	6.2	6.2	6.2	6.1	6.1
Communication, electric, gas services ..	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8
WHOLESALE TRADE	7.7	7.3	7.4	7.4	7.6	7.7	7.8	7.7	7.7	7.8	7.9	7.9	7.9
Wholesale trade durable goods	4.4	4.1	4.1	4.2	4.3	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5
RETAIL TRADE	27.3	26.3	25.9	26.0	27.2	27.6	27.6	27.7	27.7	27.9	27.5	27.7	28.1
General Merchandise Stores	3.8	3.9	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.8	4.0	4.2
Food Stores	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5	4.4	4.4	4.5	4.5	4.5
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4
Banking	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
SERVICES	31.3	30.3	30.5	30.5	31.2	31.5	31.9	31.9	31.8	31.7	31.3	31.4	31.3
Health Services	13.6	13.6	13.6	13.5	13.6	13.6	13.6	13.6	13.5	13.5	13.6	13.7	13.6
GOVERNMENT	17.5	17.8	18.1	17.9	18.0	17.9	17.6	16.7	16.5	16.8	17.4	17.6	17.7
State government	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.7
Local government	14.7	15.0	15.3	15.1	15.1	15.1	14.8	13.9	13.8	14.0	14.6	14.7	14.8
Local government education	8.4	8.8	9.1	8.9	8.9	8.9	8.5	7.6	7.5	7.8	8.3	8.4	8.5
Local government, except education ...	6.3	6.3	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-5-85 RS-790-1-2 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1983[a]

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	143.4	139.2	139.0	140.1	141.8	143.5	144.5	144.8	144.0	145.5	145.6	146.2	146.5
MANUFACTURING	43.5	41.8	42.2	42.4	42.5	43.3	44.3	44.3	44.3	44.3	44.1	44.3	44.8
Durable Goods[b]	33.0	31.5	31.8	32.1	32.3	33.0	33.7	33.6	33.6	33.6	33.3	33.5	33.9
Primary metal industries	10.2	9.0	9.2	9.6	9.9	10.2	10.6	10.7	10.6	10.4	10.6	10.7	10.9
Fabricated metal products	7.6	7.4	7.5	7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.6	7.7	7.7
Metal forgings and stampings	2.3	1.9	2.1	2.1	2.2	2.2	2.3	2.2	2.4	2.5	2.5	2.6	2.7
Nondurable Goods[c]	10.6	10.3	10.4	10.4	10.2	10.3	10.6	10.7	10.7	10.7	10.8	10.8	10.9
Food and kindred products	3.7	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.7	3.6	3.7	3.7	3.8
Rubber and misc. plastics products	2.5	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.7
NONMANUFACTURING[d]	99.9	97.4	96.8	97.7	99.3	100.2	100.1	100.5	99.8	101.2	101.6	101.9	101.7
CONSTRUCTION	4.3	3.4	3.0	3.3	3.7	4.0	4.3	5.3	4.9	5.0	5.0	4.9	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.8	5.9	6.0	5.9	6.0	6.0	5.6	6.1	6.1	6.1	6.1
Communication, electric, gas services	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4[e]	2.9	2.9	2.9	2.8
WHOLESALE TRADE	7.2	7.1	7.0	7.1	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Wholesale trade—durable goods	4.0	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
RETAIL TRADE	26.1	25.0	24.6	24.7	25.5	26.0	26.3	26.4	26.8	26.8	26.6	27.2	27.6
General merchandise stores	3.5	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	4.0	4.3
Food stores	4.4	4.2	4.2	4.2	4.2	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
Banking	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
SERVICES	30.7	29.9	30.2	30.6	31.0	31.0	31.0	30.9	30.7	30.9	30.9	30.7	30.4
Health services	13.4	13.2	13.2	13.3	13.4	13.4	13.5	13.5	13.6	13.5	13.6	13.6	13.6
GOVERNMENT	18.0	18.5	18.6	18.6	18.4	18.4	17.6	17.0	17.0	17.7	18.2	18.2	18.2
State government (includes education)	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Local government	15.2	15.6	15.8	15.8	15.5	15.5	14.8	14.1	14.2	14.9	15.3	15.4	15.3
Local government education	9.0	9.4	9.6	9.6	9.4	9.3	8.6	7.9	7.9	8.7	9.2	9.2	9.1
Local government, except education	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.3	6.3	6.1	6.2	6.1	6.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-30-85 RS-790-1-2 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1970-1982[a]

(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	140.2	135.1	139.8	147.9	152.1	145.0	145.9	149.8	156.1	160.8	157.1	156.6	148.6
MANUFACTURING	62.4	58.6	57.4	61.7	62.2	55.3	54.8	56.0	57.1	59.1	55.7	54.8	47.6
Durable Goods[b]	49.6	45.8	44.7	48.5	49.6	43.9	42.8	43.8	44.6	46.4	43.6	43.0	36.8
Primary metal industries	15.8	14.1	13.5	15.7	16.6	14.9	13.9	14.2	14.9	15.6	14.3	14.3	11.1
Fabricated metal products	11.6	11.2	11.1	11.6	11.6	10.1	9.7	10.0	10.4	10.2	10.0	10.0	8.7
Metal forgings and stampings	2.8	2.7	2.8	2.9	2.8	3.1	3.4	3.5	3.9	3.7	3.0	3.0	2.4
Nondurable Goods[c]	12.8	12.8	12.7	13.3	12.7	11.5	12.0	12.2	12.5	12.7	12.1	11.8	10.8
Food and kindred products	4.5	4.8	4.7	4.3	4.1	4.0	4.2	4.2	4.4	4.4	4.4	4.2	4.0
Rubber and misc. plastics products	3.6	4.3	3.5	4.1	3.7	2.8	3.2	3.3	3.5	3.5	3.0	2.9	2.4
NONMANUFACTURING[d]	77.8	76.5	82.4	86.2	89.9	89.7	91.2	93.8	99.0	101.7	101.5	101.9	101.1
CONSTRUCTION	5.1	4.6	5.2	5.4	5.7	5.5	5.6	5.7	6.5	6.4	5.4	5.1	4.6
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.0	7.0	7.2	7.3	6.6	7.0	7.2	7.3	7.6	7.2	6.9	6.5
Communication, electric, gas services	3.5	3.4	3.3	3.3	3.4	3.2	3.0	2.9	3.1	3.0	3.0	3.0	3.1
WHOLESALE TRADE	5.2	5.0	5.8	5.3	5.7	5.9	6.1	6.4	6.9	7.2	7.2	7.5	7.5
RETAIL TRADE	21.4	22.5	23.3	24.4	25.4	25.0	24.9	25.4	26.7	27.1	26.1	26.0	26.0
FINANCE, INSURANCE, AND REAL ESTATE	4.6	4.7	4.7	5.1	5.4	5.1	5.3	5.4	5.6	5.9	6.2	6.3	6.3
SERVICES	20.0	21.1	21.7	22.8	23.7	24.2	24.7	25.5	27.2	28.1	29.0	30.0	30.5
GOVERNMENT	13.5	14.0	14.8	15.5	16.0	16.6	16.8	17.2	17.7	18.3	19.2	18.7	18.3
Local government (includes education)	10.9	11.4	12.0	12.6	12.9	13.3	13.5	14.1	14.5	15.1	15.8	15.5	15.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment, transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 3215 6-20-85 RS-790-0-2

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.83	$10.86	$10.82	$10.81	$10.82	$10.98	$10.92	$10.81	$10.76	$10.75	$10.79	$10.83	$10.82
Durable Goods[b]	11.22	11.23	11.20	11.20	11.21	11.38	11.36	11.19	11.15	11.12	11.21	11.24	11.19
Primary metal industries	12.22	11.92	12.36	12.35	12.30	12.46	12.41	12.23	12.05	12.11	12.17	12.20	12.09
Fabricated metal products	12.36	12.64	12.60	12.62	12.48	12.57	12.50	11.81	12.30	12.00	12.28	12.28	12.20
Metal forgings and stampings	[illegible]	[illegible]	14.90	14.89	14.70	14.85	14.72	13.72	14.62	14.01	14.53	14.83	14.37
Nondurable Goods[c]	9.62	9.63	9.55	9.56	9.61	9.71	9.59	9.64	9.57	9.58	9.60	9.64	9.68
Food and kindred products	9.91	9.89	9.81	9.87	10.09	10.35	9.90	9.90	9.80	9.96	9.83	9.76	9.76
Rubber and misc. plastics products	10.26	10.24	10.13	10.09	10.06	10.12	10.22	10.32	10.23	10.43	10.45	10.42	10.44
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	11.89	11.77	11.88	11.64	11.58	11.73	11.76	11.79	12.13	12.16	12.05	12.02	12.19
WHOLESALE TRADE	8.75	8.47	8.64	8.65	8.61	8.62	9.00	8.92	8.89	8.74	8.75	8.87	8.76
RETAIL TRADE[d]	5.40	5.40	5.40	5.39	5.41	5.39	5.40	5.41	5.38	5.41	5.42	5.42	5.35

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-23-85 RS-790-4-2 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.4	40.2	40.8	40.7	40.4	40.5	40.2	40.4	39.8	40.8	40.3	40.6	39.9
Durable Goods[b]	40.4	40.1	41.0	40.6	40.5	40.7	40.2	40.6	39.9	40.9	40.3	40.3	39.6
Primary metal industries	39.9	39.5	40.6	41.2	41.0	40.7	40.3	41.0	39.3	40.9	38.8	39.3	36.6
Fabricated metal products	42.1	41.1	41.7	41.8	41.9	42.1	42.4	40.4	42.2	41.5	43.1	43.0	43.4
Metal forgings and stampings	44.4	43.8	44.8	44.9	44.6	45.1	45.3	41.6	45.4	43.4	45.1	45.1	43.8
Nondurable Goods[c]	40.3	40.5	40.4	40.8	40.1	40.0	40.2	39.8	39.5	40.5	40.4	41.2	40.7
Food and kindred products	39.5	37.8	38.6	41.2	39.2	38.9	39.1	39.6	37.8	39.6	39.7	41.5	41.4
Rubber and misc. plastics products	44.5	45.7	45.4	44.6	44.2	44.2	43.2	43.6	43.5	44.5	44.8	45.1	44.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services .	41.0	41.2	40.3	41.0	40.9	40.8	40.8	41.6	41.8	41.6	40.6	40.6	41.3
WHOLESALE TRADE	36.5	37.0	36.9	36.2	36.2	36.7	36.3	37.2	36.7	36.2	36.8	36.0	36.0
RETAIL TRADE	29.5	29.1	29.1	29.1	29.3	29.7	29.9	30.0	29.8	29.5	29.2	29.2	30.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [d] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-15-85 RS-790-3-2 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$437.53	$436.57	$441.46	$439.97	$437.13	$444.69	$438.98	$436.72	$428.25	$438.60	$434.84	$439.70	$431.72
Durable Goods[b]	453.29	450.32	459.20	454.72	454.01	463.17	456.67	454.31	444.89	454.81	451.76	452.97	443.12
Primary metal industries	487.58	470.84	501.82	508.82	504.30	507.12	500.12	501.43	473.57	495.30	472.20	479.46	442.49
Fabricated metal products	520.36	519.50	529.17	527.52	522.91	529.20	530.00	477.12	519.06	498.00	529.27	528.04	529.48
Metal forgings and stampings	646.46	640.79	667.52	668.56	655.62	669.74	666.82	570.75	663.75	608.03	655.30	668.83	629.41
Nondurable Goods[c]	387.69	392.45	385.82	390.05	385.36	388.40	385.52	383.67	378.02	387.99	387.84	397.17	393.98
Food and kindred products	391.45	373.84	378.67	406.64	395.53	402.62	387.09	392.04	370.44	394.42	390.25	405.04	404.06
Rubber and misc. plastics products	456.57	467.37	459.90	450.01	444.65	447.30	441.50	449.95	445.01	464.14	468.16	469.94	466.67
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	487.49	484.92	478.76	477.24	473.62	478.58	479.81	490.46	507.03	505.86	489.23	488.0	503.45
WHOLESALE TRADE	319.38	313.39	318.82	313.13	311.68	316.35	326.70	331.82	326.26	316.39	322.00	319.32	315.36
RETAIL TRADE[d]	159.30	157.14	157.14	156.85	158.51	160.08	161.46	162.30	160.32	159.60	158.26	158.26	162.64

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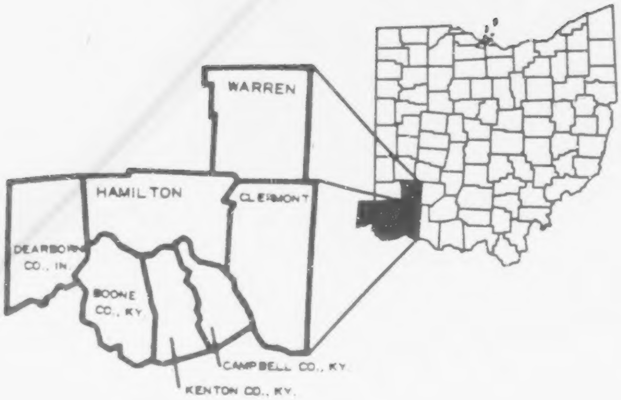
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-9-85 RS-790-2-2 (1984)

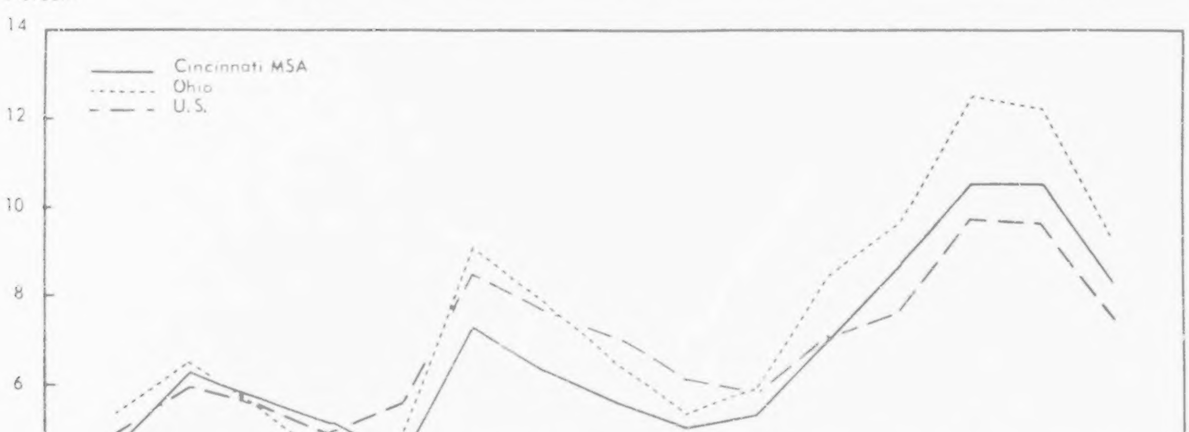
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



In the Cincinnati Primary Metropolitan Statistical Area, the estimated annual average civilian labor force, based on place of residence, rose 5,100 from 1983 to 692,700 in 1984. Employment increased 20,100 over the year, while unemployment dropped 14,900 to a 1984 total of 57,500. The unemployment rate declined from 10.5 percent in 1983 to 8.3 percent in 1984 (see table, top of page 43).

By 1984, 70.9 percent of nonagricultural wage and salary jobs lost between 1979 and 1983 had been regained. Total nonfarm employment rose 3.9 percent from 575,400 in 1983 to 598,100 in 1984 (see table, bottom of page 43). Increases in services, retail trade, and nonelectrical machinery contributed most to the overall improvement. The Cincinnati industries hardest hit by the economic downturns between 1979 and 1983 were nonelectrical machinery (especially metalworking machinery), construction, fabricated metal products, and food and kindred products. Some manufacturing industries continued to lose employment during 1984, notably fabricated metal products, food and kindred products, and chemicals.

CINCINNATI MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cincinnati	Ohio	U.S.
1970	543.0	518.0	25.0	4.6	5.4	4.9
1971	550.0	516.0	34.0	6.2	6.5	5.9
1972	561.0	529.0	32.0	5.7	5.5	5.6
1973	572.0	543.0	29.0	5.1	4.3	4.9
1974	595.3	566.8	28.5	4.8	4.8	5.6
1975	595.3	551.6	43.6	7.3	9.1	8.5
1976	604.8	566.6	38.2	6.3	7.8	7.7
1977	623.4	588.7	34.7	5.6	6.5	7.1
1978	648.3	615.8	32.5	5.0	5.4	6.1
1979	663.4	628.1	35.3	5.3	5.9	5.8
1980	676.2	628.7	47.5	7.0	8.4	7.1
1981	678.5	619.3	59.2	8.7	9.6	7.6
1982	682.0	610.4	71.6	10.5	12.5	9.7
1983	687.6	615.2	72.4	10.5	12.2	9.6
1984	692.7	635.3	57.4	8.3	9.4	7.5

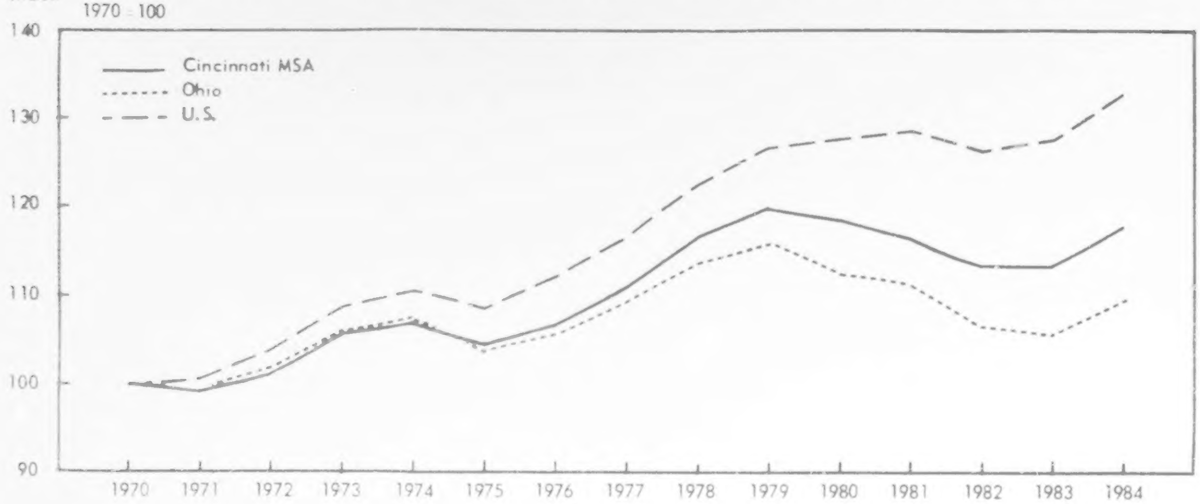
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, AND 1984

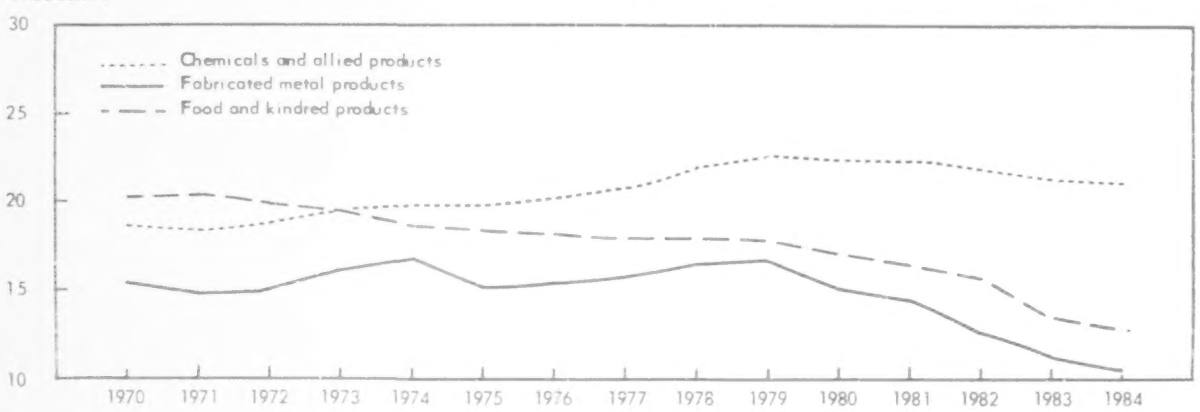
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979–1983	1983–1984	Cincinnati	U.S.
TOTAL	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	[illegible]	− [illegible]	9.6	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	− [illegible]	− [illegible]	−	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	− 1.9	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	− [illegible]	− [illegible]	−	−
Printing and publishing	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	− 1.7	− [illegible]	−	−
CONSTRUCTION	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
Communications, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	− [illegible]	+	+
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+	+
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+	+
GOVERNMENT	[illegible]	[illegible]	[illegible]	− [illegible]	.2	[illegible]	−
Federal government	13.9	[illegible]	[illegible]	− [illegible]	.3	33.3	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+	+
Local government	[illegible]	[illegible]	[illegible]	− [illegible]	[illegible]	−	−

+ No downturn, 1979–1983
– No upturn, 1983–1984

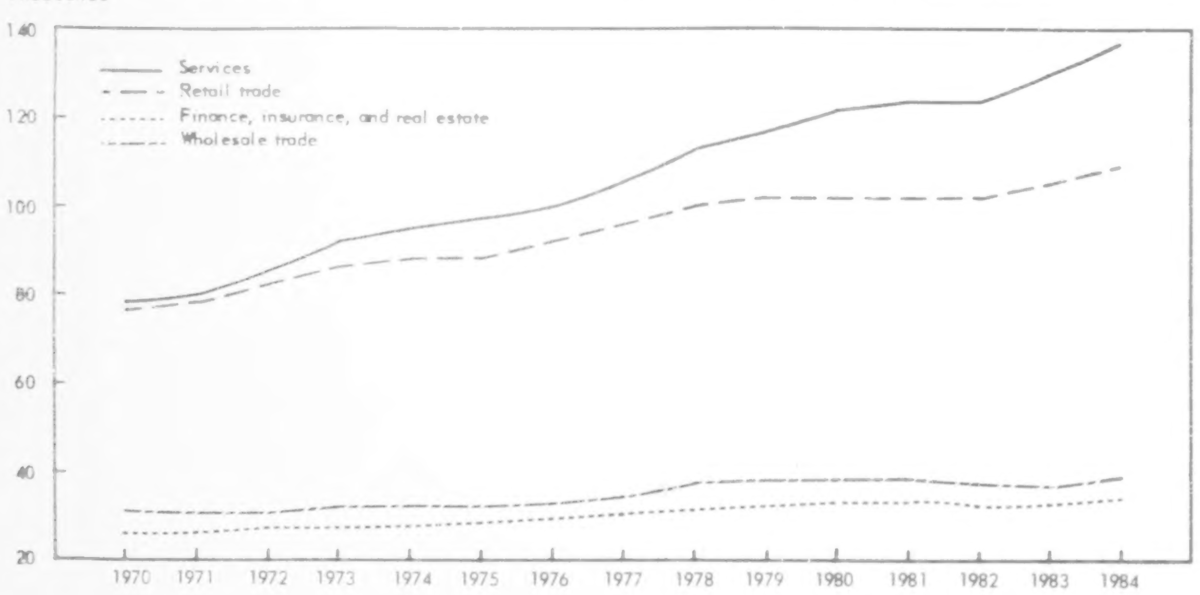
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

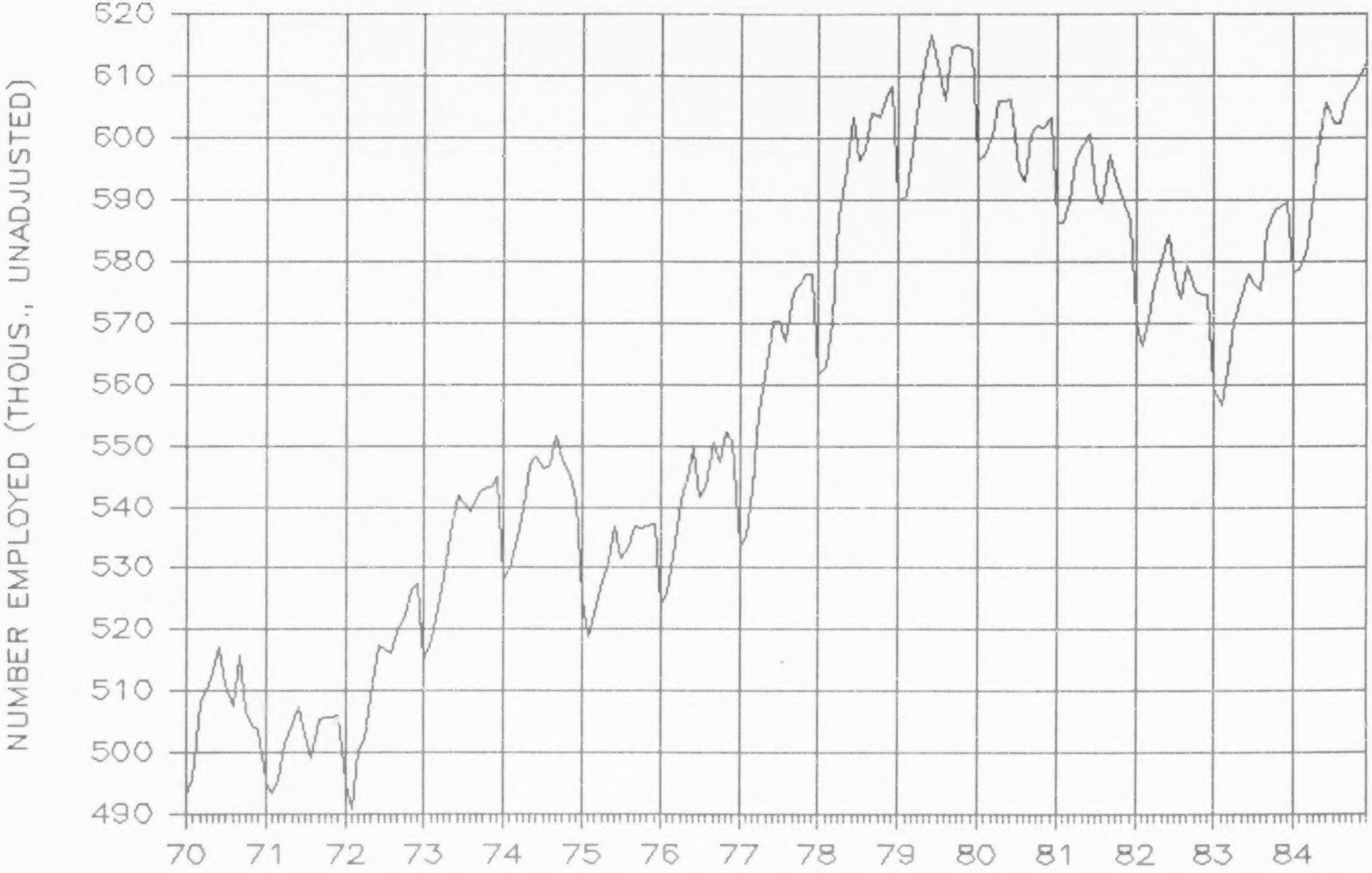


CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)





CINCINNATI PMSA

TOTAL NON-AGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	598.1	578.4	578.6	582.3	591.1	600.1	605.6	602.4	602.4	606.3	607.8	609.9	612.5
MANUFACTURING	144.6	142.3	142.3	142.9	143.8	144.8	145.9	145.5	145.9	143.6	146.1	146.1	146.0
Durable Goods[b]	80.6	79.2	79.5	79.8	80.3	80.9	81.4	81.4	81.6	79.0	81.6	81.2	81.4
Fabricated metal products	10.6	11.0	11.1	11.1	11.0	10.9	10.9	10.8	10.9	10.4[e]	10.3[e]	9.6[e]	9.4[e]
Fabricated structural metal products	3.8	3.9	3.9	3.9	3.8	3.7	3.7	3.6	3.7	3.8	3.7	3.8	3.8
Machinery, except electrical	21.4	20.6	21.0	21.0	21.2	21.5	21.6	21.7	21.6	21.7	21.4	21.6	21.7
Metalworking machinery	9.8	9.5	9.6	9.7	9.7	9.8	9.9	9.9	9.8	10.0	10.0	10.1	10.0
General industrial machinery	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.3	3.0	3.1	3.2
Electric and electronic equipment	8.5	8.3	8.4	8.3	8.3	8.5	8.5	8.5	8.6	8.5	8.5	8.5	8.5
Transportation equipment	25.5	25.5	25.3	25.3	25.4	25.5	25.6	25.6	25.6	23.1	26.0	26.5	26.8
Motor vehicles and equipment	10.0	10.5	10.3	10.3	10.3	10.3	10.2	10.1	10.3	7.7	10.0	10.2	10.3
Nondurable Goods[c]	64.0	63.1	62.7	63.1	63.5	63.9	64.5	64.1	64.3	64.6	64.5	64.8	64.6
Food and kindred products	12.9	12.8	12.7	12.7	12.7	12.7	13.1	12.9	13.0	13.0	12.9	13.2	13.1
Beverages	4.1	4.0	4.0	3.9	4.0	4.0	4.2	4.0	4.2	4.2	4.1	4.1	4.1
Apparel and other textile products	3.9	3.8	3.7	3.8	4.0	4.0	4.0	3.9	3.9	3.7	4.0	4.0	3.9
Paper and allied products	5.9	5.9	5.8	5.8	5.8	5.9	6.0	5.7	5.9	5.9	6.0	5.9	5.9
Printing and publishing	12.1	11.9	11.9	12.0	12.1	12.2	12.2	12.2	12.0	12.1	12.1	12.1	12.1
Commercial printing	5.1	5.0	5.0	5.1	5.2	5.2	5.2	5.1	4.9	5.2	5.2	5.4	5.3
Chemicals and allied products	21.0	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.0	21.1	21.1	21.0	21.1
Rubber and misc. plastics products	5.1	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4
NONMANUFACTURING[d]	453.5	436.1	436.3	439.4	447.3	455.3	459.7	456.9	456.5	462.7	461.7	463.8	466.5
CONSTRUCTION	21.5	19.3	18.4	19.1	20.2	21.6	22.8	23.5	23.9	23.3	22.5	22.2	21.4
TRANSPORTATION AND PUBLIC UTILITIES	32.1	31.4	31.4	31.5	31.9	32.1	32.5	32.4	32.4	32.5	32.4	32.2	32.1
Trucking and warehousing	9.2	8.8	8.9	9.0	9.2	9.1	9.3	9.2	9.3	9.4	9.4	9.4	9.4
Communication, electric, gas services	14.5	14.9	14.5	14.5	14.4	14.4	14.5	14.5	14.5	14.5	14.4	14.4	14.4
WHOLESALE TRADE	39.2	38.1	38.3	38.4	38.9	39.0	39.5	39.5	39.4	39.6	39.7	39.8	40.0
Wholesale trade durable goods	22.9	22.2	22.4	22.5	22.8	22.9	23.1	23.2	23.1	23.2	23.2	23.4	23.5
RETAIL TRADE	109.3	105.6	104.4	104.9	108.1	109.8	110.3	109.9	109.8	110.9	110.6	112.3	114.8
General merchandise stores	19.1	19.5	18.6	18.6	18.4	18.3	18.4	18.4	18.4	18.7	19.3	20.3	21.7
FINANCE, INSURANCE, AND REAL ESTATE	34.2	33.9	33.0	33.2	33.2	33.4	34.0	34.9	34.8	35.2	35.3	35.4	35.5
Banking	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5	7.5	7.5	7.5	7.6	7.6
Insurance carriers	10.9	10.8	10.8	10.7	10.7	10.8	10.9	11.0	11.0	11.0	11.0	11.1	11.1
SERVICES	137.3	129.1	129.6	131.2	134.1	137.9	140.5	141.3	141.6	142.3	139.6	139.3	140.6
Hotels and other lodging places	6.1	5.8	5.8	5.9	6.0	6.1	6.2	6.2	6.5	6.4	6.4	6.1	6.1
Personal services	6.8	6.8	6.7	6.8	6.9	6.7	6.9	6.7	6.8	6.8	6.8	6.8	6.8
Business services	27.7	25.8	25.9	26.5	26.7	27.5	27.9	28.2	28.5	28.5	28.7	28.7	29.0
Amusement and recreation services	6.9	4.9	4.7	5.0	6.2	8.5	8.9	9.3	9.6	8.8	5.2	5.2	6.5
Health services	45.6	44.3	44.4	44.6	44.7	45.1	46.2	46.1	46.3	46.2	46.5	46.5	46.5
GOVERNMENT	79.6	79.4	80.8	80.8	80.5	81.1	79.7	75.1	74.3	78.5	81.3	82.2	81.6
Federal government	12.7	12.3	12.7	12.7	12.7	12.7	12.8	12.7	12.7	12.7	12.7	12.8	12.7
State government	18.0	18.0	18.4	18.3	18.4	18.4	18.5	16.6	16.6	17.2	18.5	18.5	18.5
State government education	10.8	10.8	11.2	11.2	11.2	11.2	11.2	9.2	9.4	9.9	11.3	11.2	11.2
State government, except education	7.2	7.2	7.2	7.1	7.1	7.1	7.3	7.4	7.3	7.3	7.2	7.2	7.3
Local government	49.[illegible]	49.5	49.7	49.8	49.4	50.1	48.4	45.8	44.9	48.6	50.1	51.0	50.4
Local government education	27.5	28.4	28.8	28.7	28.2	28.7	26.3	23.4	23.0	27.1	28.7	29.7	29.6
Local government, except education	21.4	21.1	21.0	21.1	21.2	21.3	22.1	22.4	21.9	21.5	21.4	21.3	20.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products, primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-12-85 RS-790-1-3 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	575.6	559.5	556.7	562.4	570.3	574.6	577.8	576.7	575.6	585.2	588.7	589.3	590.2
MANUFACTURING	140.4	138.7	137.3	138.1	139.4	138.7	140.2	140.0	142.0	140.8	143.8	144.1	141.8
Durable Goods[b]	77.0	75.8	74.4	75.1	75.8	75.6	76.6	77.1	78.6	77.1	80.0	80.1	77.9
Fabricated metal products	11.5	11.8	11.7	11.6	11.7	11.5	11.4	11.3	11.4	11.5	11.4	11.4	11.1
Fabricated structural metal products	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.8	4.0	4.0	3.9	3.9	3.9
Machinery, except electrical	19.4	19.8	18.8	18.8	18.9	18.7	18.9	19.3	19.6	19.8	19.8	20.1	20.5
Metalworking machinery	8.6	9.1	8.2	8.1	8.3	8.1	8.3	8.6	8.7	8.9	9.0	9.1	9.4
General industrial machinery	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.4
Electric and electronic equipment	8.1	7.9	7.8	7.9	8.0	8.0	8.1	8.2	8.1	8.2	8.2	8.3	8.3
Transportation equipment	24.0	23.6	23.3	23.5	23.7	23.8	24.3	24.3	25.0	22.6	25.6	25.6	23.0
Motor vehicles and equipment	9.2	8.9	8.8	9.0	9.1	9.1	9.3	9.2	9.9	7.6	10.6	10.7	8.1
Nondurable Goods[c]	63.4	62.9	62.9	63.0	63.6	63.2	63.6	62.8	63.4	63.8	63.8	63.9	63.9
Food and kindred products	13.5	13.8	13.6	13.8	13.8	13.3[e]	13.6	13.1[e]	13.4	13.5	13.5	13.4	13.3
Beverages	4.2	4.3	4.1	4.3	4.2	4.1	4.1	3.9	4.1	4.2	4.2	4.2	4.1
Apparel and other textile products	3.8	3.5	3.6	3.6	3.7	3.8	3.9	4.0	3.9	4.0	3.8	3.8	3.8
Paper and allied products	5.7	5.5	5.5	5.4	5.6	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
Printing and publishing	11.6	11.4	11.6	11.6	11.5	11.5	11.6	11.2[e]	11.3[e]	11.4	11.7	11.8	11.9
Commercial printing	4.8	4.7	4.8	4.8	4.8	4.8	4.8	4.3	4.4	4.6	5.0	5.1	5.1
Chemicals and allied products	21.2	21.4	21.3	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2	21.1	21.2
Rubber and misc. plastics products	4.3	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
NONMANUFACTURING[d]	435.2	420.8	419.3	424.3	430.9	435.9	437.6	436.7	433.6	444.3	444.9	445.2	448.4
CONSTRUCTION	20.4	16.8	16.6	17.9	18.2	19.8	20.4	21.8	22.3	22.7	23.4	22.9	22.0
TRANSPORTATION AND PUBLIC UTILITIES	31.4	30.9	31.0	31.1	31.4	31.6	31.9	32.0	28.6	32.4	32.4	32.0	32.0
Trucking and warehousing	8.9	8.6	8.7	8.7	8.7	8.7	8.9	9.0	9.1	9.3	9.3	9.2	9.2
Communication, electric, gas services	14.7	15.0	14.9	14.9	14.9	15.0	15.1	15.1	11.7[e]	15.1	14.9	14.8	14.9
WHOLESALE TRADE	36.5	35.6	35.4	35.5	35.8	36.1	36.5	36.9	36.8	37.0	37.2	37.6	37.7
Wholesale trade - durable goods	21.1	20.7	20.6	20.6	20.8	20.9	21.0	21.3	21.3	21.3	21.5	21.8	21.9
RETAIL TRADE	104.7	101.5	99.5	100.7	102.6	103.7	104.8	104.8	105.5	106.3	107.3	108.6	111.0
General merchandise stores	19.2	19.9	18.4	18.4	18.7	18.7	18.7	18.4	18.3	18.5	19.6	20.7	22.0
FINANCE, INSURANCE, AND REAL ESTATE	32.8	32.2	32.3	32.4	32.7	32.7	33.0	33.2	33.2	33.0	32.8	32.9	33.0
Banking	7.3	7.4	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.4
Insurance carriers	11.1	11.2	11.2	11.2	11.2	11.1	11.2	11.1	11.1	11.0	11.0	10.9	10.9
SERVICES	129.7	123.3	123.5	125.2	128.9	130.1	131.8	133.2	133.0	134.2	131.6	130.5	131.7
Hotels and other lodging places	5.5	4.9	4.8	5.0	5.2	5.5	5.6	5.8	5.8	5.8	5.8	5.9	5.8
Personal services	6.5	6.6	6.5	6.6	6.7	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
Business services	24.6	22.5	22.6	22.9	23.6	24.0	24.2	25.5	25.5	26.2	26.1	26.1	26.4
Amusement and recreation services	6.9	5.0	4.8	5.1	7.2	7.7	9.3	9.4	9.2	8.6	5.9	4.7	5.9
Health services	44.2	43.2	43.0	43.3	43.8	44.0	44.3	45.0	45.1	45.0	44.5	44.4	44.5
GOVERNMENT	79.2	80.2	80.8	81.1	80.9	81.5	78.8	74.4	73.8	78.4	79.9	80.3	80.5
Federal government	12.4	12.3	12.5	12.6	12.6	12.6	12.5	12.4	12.2	12.2	12.0	12.1	12.3
State government	17.8	18.3	18.5	18.4	18.4	18.4	17.7	16.4	16.4	16.9	18.0	18.2	18.1
State government education	10.6	11.0	11.1	11.1	11.1	11.1	10.4	9.0	9.1	9.7	10.9	11.2	11.0
State government, except education	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.2	7.1	7.0	7.1
Local government	49.0	49.5	49.7	50.1	49.9	50.6	48.6	45.6	45.2	49.3	49.9	49.9	50.1
Local government education	27.4	28.2	28.8	28.8	28.5	28.9	26.5	23.2	23.0	27.1	28.3	28.4	28.8
Local government, except education	21.8	21.3	21.1	21.3	21.4	21.6	22.1	22.4	22.2	22.2	21.6	21.5	21.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	507.3	502.0	512.0	534.6	542.2	531.2	541.9	562.1	591.2	607.4	600.7	592.2	575.3
MANUFACTURING	169.5	160.1	155.9	165.5	166.6	153.9	155.6	161.1	169.2	173.1	162.4	157.3	146.3
Durable Goods[b]	93.7	86.2	83.0	91.7	93.7	84.3	84.3	89.2	95.1	98.7	90.5	87.6	79.9
Fabricated metal products	15.4	14.9	15.0	16.1	16.6	15.1	15.4	15.6	16.5	16.7	15.1	14.5	12.7
Fabricated structural metal products	4.4	4.1	4.5	4.9	5.3	5.1	5.0	5.2	5.3	5.4	5.2	4.8	4.3
Machinery, except electrical	21.7	18.4	19.4	22.0	23.0	21.6	21.9	23.5	25.3	26.7	26.2	25.1	22.6
Metalworking machinery	12.0	9.3	9.8	11.0	11.6	10.9	10.5	11.1	11.9	12.9	13.5	13.1	10.9
General industrial machinery	3.3	2.5	2.9	3.2	3.4	3.6	4.0	4.4	4.7	4.8	4.1	3.6	3.7
Electric and electronic equipment	9.7	8.5	8.3	9.0	9.6	8.3	8.6	9.2	9.4	9.4	8.6	8.7	8.0
Transportation equipment	27.1	26.2	21.4	24.7	24.9	22.2	21.8	23.6	25.8	27.4	24.5	24.2	22.7
Motor vehicles and equipment	13.1	11.9	9.8	11.6	11.7	10.1	10.7	12.2	13.3	12.7	8.3	8.3	8.1
Nondurable Goods[c]	75.8	73.8	72.9	73.8	72.8	69.6	71.3	71.9	74.1	74.5	71.9	69.7	66.5
Food and kindred products	[illegible]	20.3	19.8	19.5	18.6	18.3	18.2	18.0	18.0	17.9	17.0	16.6	15.7
Beverages	[illegible]	[illegible]	6.0	5.8	5.3	5.1	5.1	5.1	5.2	5.2	5.0	4.9	4.4
Apparel and other textile products	4.7	4.5	4.5	4.2	4.1	4.0	4.0	3.9	4.2	4.1	3.8	3.8	3.8
Paper and allied products	6.9	6.6	6.5	6.6	6.5	6.0	6.3	6.2	6.5	6.7	6.6	6.5	6.0
Printing and publishing	14.1	13.7	13.4	13.5	13.8	13.0	13.1	12.7	13.0	13.0	12.6	11.9	11.6
Chemicals and allied products	18.6	18.4	18.8	19.5	19.8	19.7	20.2	20.9	21.9	22.5	22.3	22.3	21.9
Rubber and misc. plastics products	5.4	4.9	4.8	5.2	4.9	4.0	4.6	5.0	5.3	5.1	4.7	4.4	4.2
NONMANUFACTURING[d]	337.8	341.9	356.1	369.1	375.7	377.3	386.3	401.0	421.9	434.3	438.2	434.9	429.0
CONSTRUCTION	20.1	21.0	24.2	25.3	24.3	22.2	22.4	24.1	25.9	27.4	25.3	22.2	20.4
TRANSPORTATION AND PUBLIC UTILITIES	36.4	34.9	34.3	34.0	33.4	31.5	30.8	31.5	32.8	34.2	33.7	33.3	32.4
Communication, electric, gas services	12.9	12.8	12.4	12.2	12.3	12.7	12.0	12.0	12.6	13.2	14.1	14.4	14.7
WHOLESALE TRADE	30.6	30.5	31.2	32.0	31.8	31.5	32.5	34.5	36.8	37.8	38.5	38.1	37.2
RETAIL TRADE	76.4	77.7	82.2	86.0	87.6	87.8	92.4	95.7	100.3	102.2	102.2	102.2	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	26.0	26.4	26.6	26.9	27.4	28.7	28.9	29.9	30.7	32.1	32.6	32.6	32.3
Banking	5.4	5.4	5.5	5.8	6.1	6.3	6.4	6.6	6.9	7.1	7.4	7.5	7.4
Insurance carriers	9.5	9.5	9.3	9.3	9.6	10.2	10.3	10.6	10.7	11.0	11.1	11.4	11.3
SERVICES	77.7	79.3	84.9	91.6	95.3	97.4	100.3	105.7	112.6	117.4	121.7	123.9	124.3
GOVERNMENT	69.7	71.2	72.4	72.9	75.3	78.2	78.6	79.3	82.5	82.8	83.9	82.4	80.5
Federal government	14.2	13.9	13.2	12.2	12.5	13.3	13.7	13.6	13.7	13.3	13.8	13.1	12.6
State government (includes education)	4.9	5.3	[illegible]	5.8	6.1	6.1	5.9	11.5	17.7	17.6	18.3	18.1	18.0
Local government	50.6	52.0	53.8	54.9	56.8	58.7	59.0	54.1	51.1	51.8	51.8	51.2	49.8
Local government education	30.8	31.1	31.9	32.3	32.7	33.3	33.4	29.9	27.2	29.1	29.1	29.0	28.1
Local government, except education	19.8	21.0	21.9	22.6	24.1	25.5	25.5	24.3	23.9	22.7	22.6	22.2	21.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-26-85 RS-[illegible]

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.56	$10.38	$10.38	$10.46	$10.58	$10.50	$10.50	$10.50	$10.58	$10.54	$10.64	$10.81	$10.84
Durable goods[b]	10.51	10.24	10.19	10.38	10.45	10.41	10.47	10.42	10.67	10.31	10.63	10.89	10.96
Fabricated metal products	9.31	9.37	9.30	9.23	9.28	9.29	9.35	9.50	9.30	9.24	9.22	9.29	9.39
Fabricated structural metal products .	8.33	9.11	9.05	8.99	8.98	9.23	9.35	9.48	9.08	9.91	9.63	9.46	9.54
Machinery, except electrical	9.65	9.50	9.59	9.56	9.58	9.59	9.55	9.57	9.66	9.68	9.71	9.91	9.90
Metalworking machinery	10.72	10.48	10.70	10.73	10.74	10.68	10.67	10.67	10.70	10.71	10.73	10.89	10.90
General industrial machinery	8.73	8.67	8.76	8.57	8.57	8.57	8.58	8.58	8.66	8.90	8.99	9.13	9.00
Electric and electronic equipment	8.10	7.83	7.89	7.91	8.05	8.13	8.07	[illegible]	8.13	8.18	8.23	8.37	8.42
Transportation equipment	14.17	13.49	13.42	13.97	14.05	13.96	14.14	[illegible]	14.58	14.92	14.45	14.81	14.95
Motor vehicles and equipment	15.27	14.65	14.50	15.17	15.30	15.22	15.36	[illegible]	15.67	15.17	15.48	15.76	15.93
Nondurable goods[c]	10.62	10.53	10.58	10.55	10.72	10.59	10.54	10.58	10.49	10.78	10.64	10.74	10.72
Food and kindred products	11.51	11.57	11.60	11.57	11.58	11.47	11.45	[illegible]	11.45	11.47	11.45	11.45	11.62
Beverages	11.16	10.35	11.06	11.13	11.22	11.22	11.16	11.24	11.02	11.14	11.18	11.29	11.32
Apparel and other textile products	5.98	5.89	6.15	5.98	5.83	5.90	5.98	5.95	5.91	5.92	5.80	5.78	5.78
Paper and allied products	9.27	9.14	9.24	9.14	9.21	9.29	9.10	9.36	9.45	9.44	9.27	9.42	9.30
Printing and publishing	10.65	10.70	10.91	10.73	10.74	10.57	10.35	10.24	10.37	10.76	10.76	10.84	10.78
Commercial printing	11.39	11.45	11.61	11.57	11.60	11.34	11.11	10.97	11.01	11.54	11.50	11.45	11.48
Chemicals and allied products	12.52	12.17	12.21	12.31	12.60	12.53	12.51	12.44	12.30	12.91	12.63	12.76	12.82
Rubber and misc. plastics products	8.28	8.12	8.13	8.09	8.45	8.39	8.49	8.72	8.09	8.08	8.22	8.48	8.06
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.06	11.75	11.63	11.84	11.92	11.96	12.00	12.05	12.33	12.35	12.36	12.34	12.25
WHOLESALE TRADE	8.98	8.80	8.88	8.84	8.94	8.97	9.09	9.01	9.02	9.02	9.02	9.02	9.04
RETAIL TRADE[d]	5.36	5.34	5.36	5.36	5.34	5.33	5.35	5.36	5.34	5.34	5.40	5.36	5.35
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-26-85 RS-790-4-3 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.8	41.1	41.4	41.7	42.0	41.5	41.6	41.0	41.7	42.1	41.8	42.7	42.9
Durable goods[b]	41.8	41.0	41.0	41.0	41.6	41.3	41.9	40.7	42.0	42.3	42.0	43.0	43.0
Fabricated metal products	40.7	40.7	40.2	39.7	39.9	40.4	40.9	41.3	39.6	41.8	40.8	41.4	41.9
Fabricated structural metal products	42.0	41.0	41.0	39.4	40.3	40.0	40.8	44.9	42.0	45.9	41.9	42.0	42.1
Machinery, except electrical	41.7	40.2	41.0	41.5	41.4	40.3	40.5	39.8	41.1	41.0	41.4	41.5	41.7
Metalworking machinery	40.3	40.0	40.4	41.1	40.5	40.7	39.0	39.2	40.7	41.0	41.1	41.3	40.0
General industrial machinery	41.0	40.7	40.8	40.0	40.7	40.0	40.9	40.1	39.6	40.3	40.0	41.4	40.0
Electric and electronic equipment	41.0	41.4	41.1	41.4	41.0	41.1	41.0	40.7	41.9	41.3	40.0	41.8	41.7
Transportation equipment	43.0	40.5	41.0	43.4	41.4	40.7	43.7	41.0	40.3	45.3	44.3	47.0	46.0
Motor vehicles and equipment	45.0	41.0	40.5	44.5	45.2	44.6	45.3	41.4	46.9	47.5	44.5	46.8	47.2
Nondurable goods[c]	41.3	40.0	41.7	41.3	41.5	41.7	41.6	41.4	41.3	41.9	41.6	42.5	42.7
Food and kindred products	43.0	43.0	43.0	42.8	41.0	43.1	43.3	44.5	44.0	43.6	42.8	42.6	43.6
Beverages	42.0	41.7	41.6	40.0	42.4	41.3	42.6	41.8	43.0	42.3	41.6	41.0	41.7
Apparel and other textile products	37.9	38.0	37.4	38.0	38.7	37.6	39.0	39.0	37.3	37.3	38.0	39.0	38.4
Paper and allied products	42.5	44.1	43.0	43.0	42.0	42.3	42.0	41.3	41.6	43.3	41.4	44.0	42.0
Printing and publishing	40.4	41.6	41.0	40.0	41.0	39.9	39.6	39.6	39.9	40.4	39.7	39.9	41.7
Commercial printing	43.3	44.0	44.9	41.7	40.0	41.9	41.0	42.5	42.0	43.1	41.7	41.3	44.6
Chemicals and allied products	42.0	42.1	41.9	42.5	43.0	41.8	41.1	40.1	40.9	42.3	41.0	43.5	43.3
Rubber and misc. plastics products	44.0	42.5	44.9	43.0	40.7	44.7	40.3	40.0	43.7	43.2	44.5	40.3	42.4
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services .	39.6	39.0	39.2	39.4	39.6	39.8	39.8	39.9	39.7	39.5	39.8	39.6	39.4
WHOLESALE TRADE	40.7	40.3	40.1	40.7	40.3	40.6	41.0	40.8	40.6	40.3	40.7	40.5	40.5
RETAIL TRADE	30.9	30.6	30.5	30.6	30.0	31.0	31.3	31.3	31.2	30.9	30.5	30.6	31.3
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual—1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products, leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-16-85 RS-790-3-3 (1984)

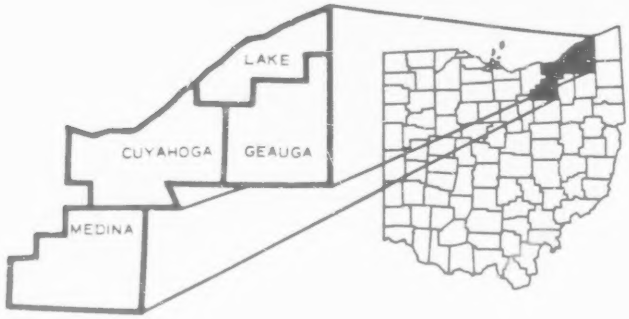
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$441.41	$431.81	$429.73	$436.18	$444.36	$435.75	$436.80	$430.50	$441.19	$443.73	$444.75	$461.59	$465.04
Durable Goods[b]	437.32	421.89	417.79	430.77	434.72	429.93	435.55	424.09	448.14	436.11	446.46	468.27	471.26
Fabricated metal products	378.92	381.36	379.44	366.43	370.27	375.32	378.68	392.35	368.28	386.23	376.18	384.61	393.44
Fabricated structural metal products	391.86	373.51	371.06	358.70	361.89	376.58	400.18	425.65	383.18	454.87	403.50	387.86	405.45
Machinery, except electrical	396.62	388.55	395.11	396.74	396.81	390.31	386.78	380.89	397.03	396.88	401.99	411.27	412.83
Metalworking machinery	436.30	422.34	442.98	441.00	434.97	434.68	418.26	418.26	435.49	440.18	441.00	449.76	457.80
General industrial machinery	356.90	356.87	373.18	359.94	367.65	361.65	347.49	344.06	342.94	358.67	361.40	377.98	360.00
Electric and electronic equipment	334.54	324.16	324.28	327.47	334.08	334.14	330.87	333.33	335.77	337.83	330.85	349.87	351.11
Transportation equipment	622.08	573.33	556.93	606.30	609.77	596.09	617.92	582.82	660.47	635.11	640.14	696.07	699.66
Motor vehicles and equipment	688.82	632.88	618.25	675.07	691.56	676.81	705.02	613.96	766.26	720.58	686.86	737.57	751.90
Nondurable Goods[c]	444.86	442.26	441.17	442.08	455.60	441.60	438.46	438.01	433.24	451.68	442.62	456.45	457.74
Food and kindred products	497.23	494.50	489.52	495.20	497.94	494.36	495.79	512.20	503.80	502.39	490.06	487.77	506.63
Beverages	467.72	456.62	460.10	467.46	475.73	470.12	475.42	469.83	476.06	471.22	465.09	464.02	472.04
Apparel and other textile products	220.07	210.27	230.01	227.24	213.96	221.84	215.88	214.20	220.44	220.82	227.36	219.64	221.95
Paper and allied products	394.90	393.93	401.94	393.02	391.43	394.68	383.11	392.18	393.12	408.75	383.78	414.48	390.60
Printing and publishing	430.26	445.12	453.86	425.20	443.56	421.74	408.83	407.55	413.76	434.70	427.17	432.52	449.53
Commercial printing	488.63	504.95	514.32	482.47	533.40	475.15	455.51	467.32	462.42	497.37	479.55	472.89	512.01
Chemicals and allied products	525.84	512.36	506.72	523.18	546.10	523.75	514.16	498.64	495.69	546.09	527.93	555.06	562.80
Rubber and misc. plastics products	370.94	367.84	361.79	364.05	389.55	375.03	393.09	402.86	353.53	349.06	365.79	392.62	341.74
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	477.50	465.66	455.90	466.50	472.03	476.01	477.60	480.80	489.50	487.83	491.93	488.66	482.65
WHOLESALE TRADE	365.49	356.40	356.09	359.79	363.86	370.06	372.69	367.61	368.02	368.92	367.11	365.31	366.12
RETAIL TRADE[d]	165.62	164.93	163.48	164.02	164.47	165.23	167.46	167.77	166.61	165.01	165.24	164.02	167.46
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	230.04	229.04	228.63	227.35	229.64	228.51	229.55	231.21	229.57	232.74	232.05	230.47	231.69

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio, Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-3 (1984)

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

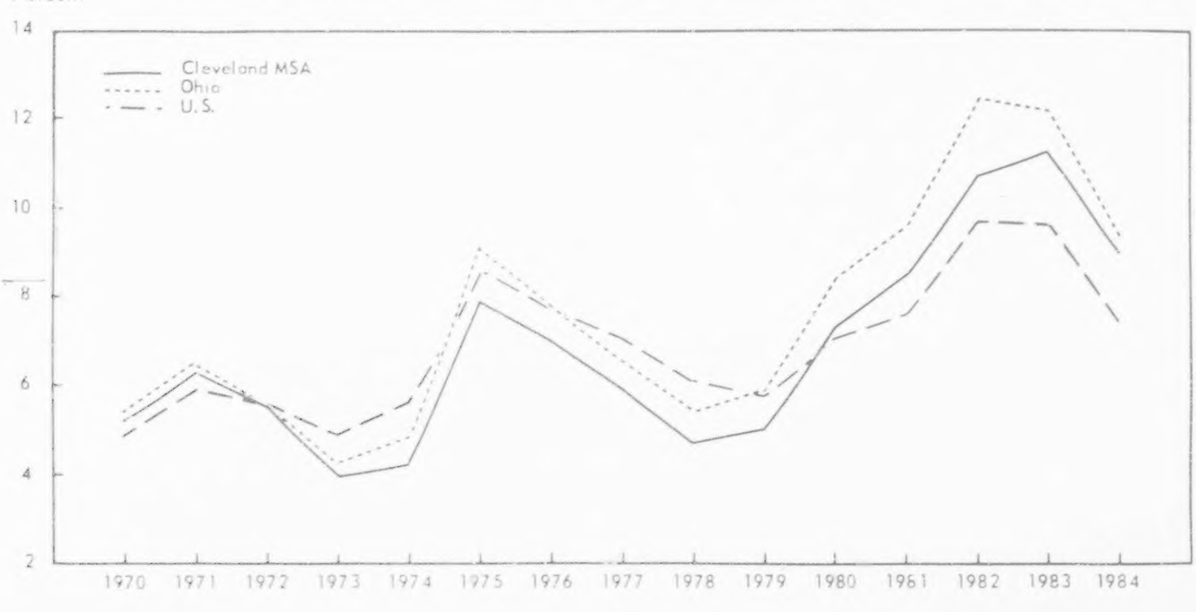


The estimated annual average civilian labor force in the Cleveland area, based on place of residence, decreased 9,900 from 1983 to 918,600 in 1984. Employment rose 12,800 over the year, and unemployment dropped 22,700 to a 1984 total of 82,400. The unemployment rate declined from 11.3 percent in 1983 to 9.0 percent in 1984 (see table, top of page 53).

The economic downturns in Ohio over the past several years have hit especially hard in the Cleveland area due to its concentration of durable-goods industries. Nonagricultural wage and salary employment fell from 919,800 in 1979 to 829,600 in 1983. More than 90,000 jobs were lost. Three-fourths of the loss occurred in durable-goods industries, especially nonelectrical machinery, fabricated metals, transportation equipment, and primary metals (see table, bottom of page 53). In nonmanufacturing, noteworthy declines were reported in retail trade, construction, transportation and public utilities, and wholesale trade.

In 1984, factory employment rose for the first time since 1979, as 21.7 percent of lost nonfarm jobs were recovered. Contributing most to the recovery were employment increases in services, retail trade, nonelectrical machinery, wholesale trade, and fabricated metals.

CLEVELAND MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cleveland	Ohio	U.S.
1970	878.9	833.5	45.4	5.2	5.4	4.9
1971	866.7	811.7	55.0	6.3	6.5	5.9
1972	873.2	825.2	48.0	5.5	5.5	5.6
1973	883.9	849.0	34.9	3.9	4.3	4.9
1974	899.1	861.4	37.7	4.2	4.6	5.6
1975	896.9	826.3	70.6	7.9	9.1	8.5
1976	897.7	834.4	63.3	7.0	7.8	7.7
1977	908.5	854.4	54.0	5.9	6.5	7.1
1978	921.7	878.5	43.2	4.7	5.4	6.1
1979	935.8	889.1	46.7	5.0	5.9	5.8
1980	937.1	869.1	68.0	7.3	8.4	7.1
1981	933.9	854.0	79.8	8.5	9.6	7.6
1982	933.4	833.2	100.2	10.7	12.5	9.7
1983	928.5	823.4	105.1	11.3	12.2	9.6
1984	918.6	836.2	82.4	9.0	9.4	7.5

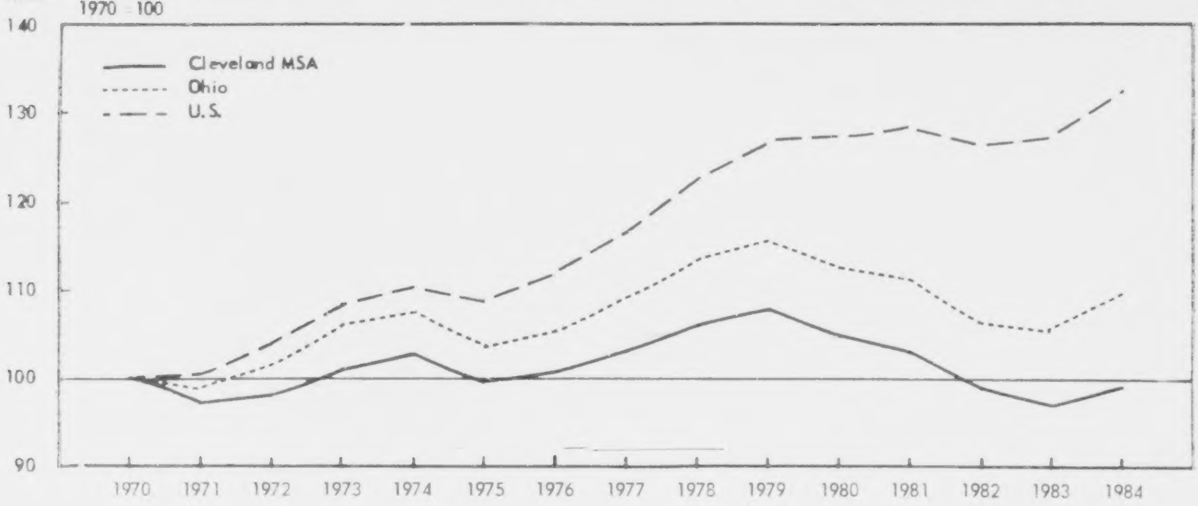
[a]These date are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

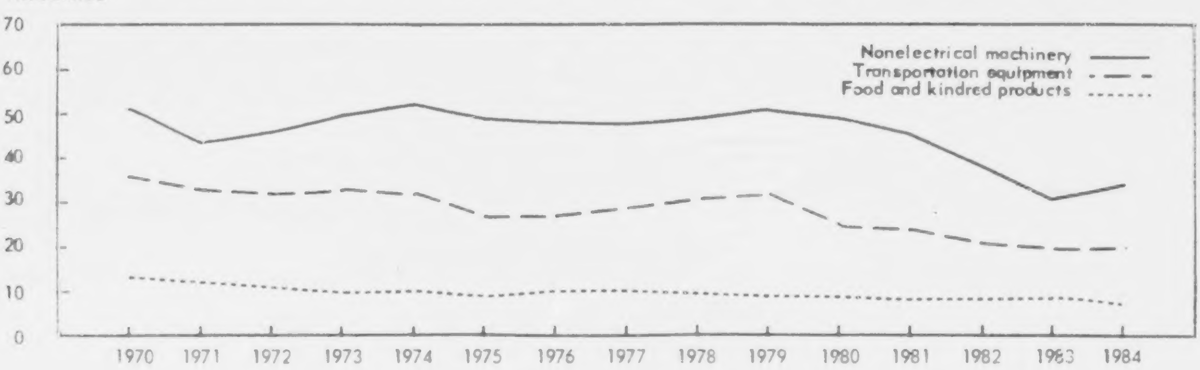
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979-1983	1983-1984	Cleveland	Ohio
TOTAL	919.8	829.6	849.2	- 90.2	19.6	21.7	34.0
MANUFACTURING	276.3	207.3	213.2	- 69.0	5.9	8.5	13.7
Durable Goods	205.1	143.9	148.1	- 61.2	4.2	6.9	15.5
Primary metal industries	31.9	24.1	23.7	- 7.8	- .4	-	[illegible]
Fabricated metal products	45.5	31.1	33.3	- 14.4	2.2	15.3	16.0
Machinery, except electrical	50.7	30.9	33.5	- 19.8	2.6	13.1	16.7
Electric and electronic equipment	26.5	20.3	19.8	- 6.2	- 1.5	-	10.4
Transportation equipment	31.8	20.3	20.0	- 11.5	- .3	-	9.1
Motor vehicles and equipment	24.0	13.9	13.4	- 10.1	- .5	-	9.7
Nondurable Goods	71.2	63.4	65.1	- 7.8	1.7	21.8	24.4
CONSTRUCTION	33.5	25.3	26.5	- 8.2	1.2	14.6	23.1
TRANSPORTATION AND PUBLIC UTILITIES	47.8	40.9	42.3	- 6.9	1.4	20.3	21.4
Communication, electric, gas services	18.9	19.4	19.6	.5	.2	*	*
WHOLESALE TRADE	65.3	56.9	59.3	- 8.4	2.4	28.6	19.1
RETAIL TRADE	146.8	135.9	139.3	- 10.9	3.4	31.2	34.1
FINANCE, INSURANCE, AND REAL ESTATE	47.9	48.4	48.4	.5	.0	*	*
SERVICES	180.5	198.7	203.1	18.2	4.4	*	*
GOVERNMENT	120.2	116.2	114.7	- 4.0	- 1.4	-	-

* No downturn, 1979-1983
- No upturn, 1983-1984

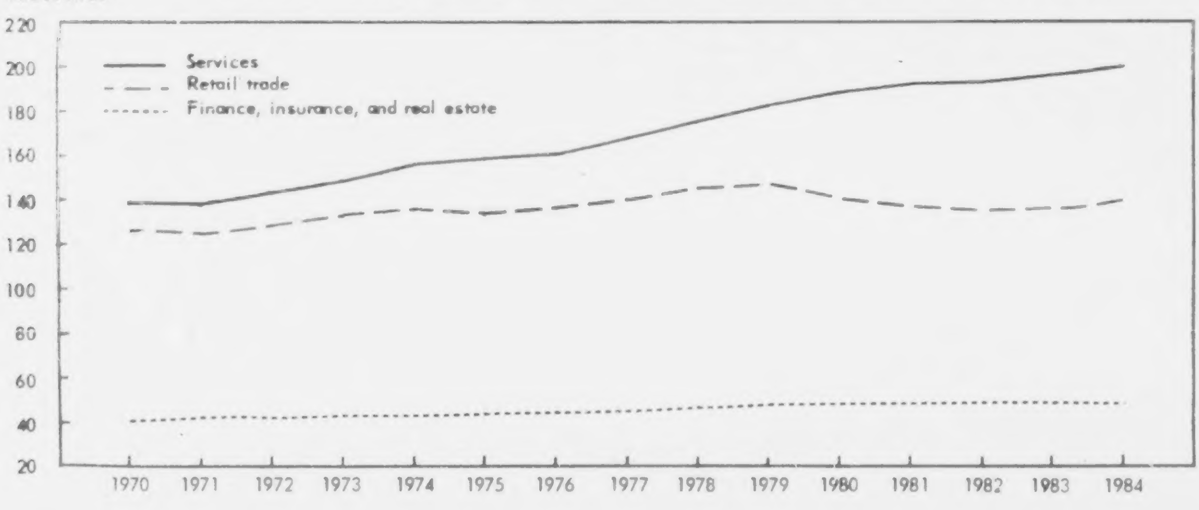
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

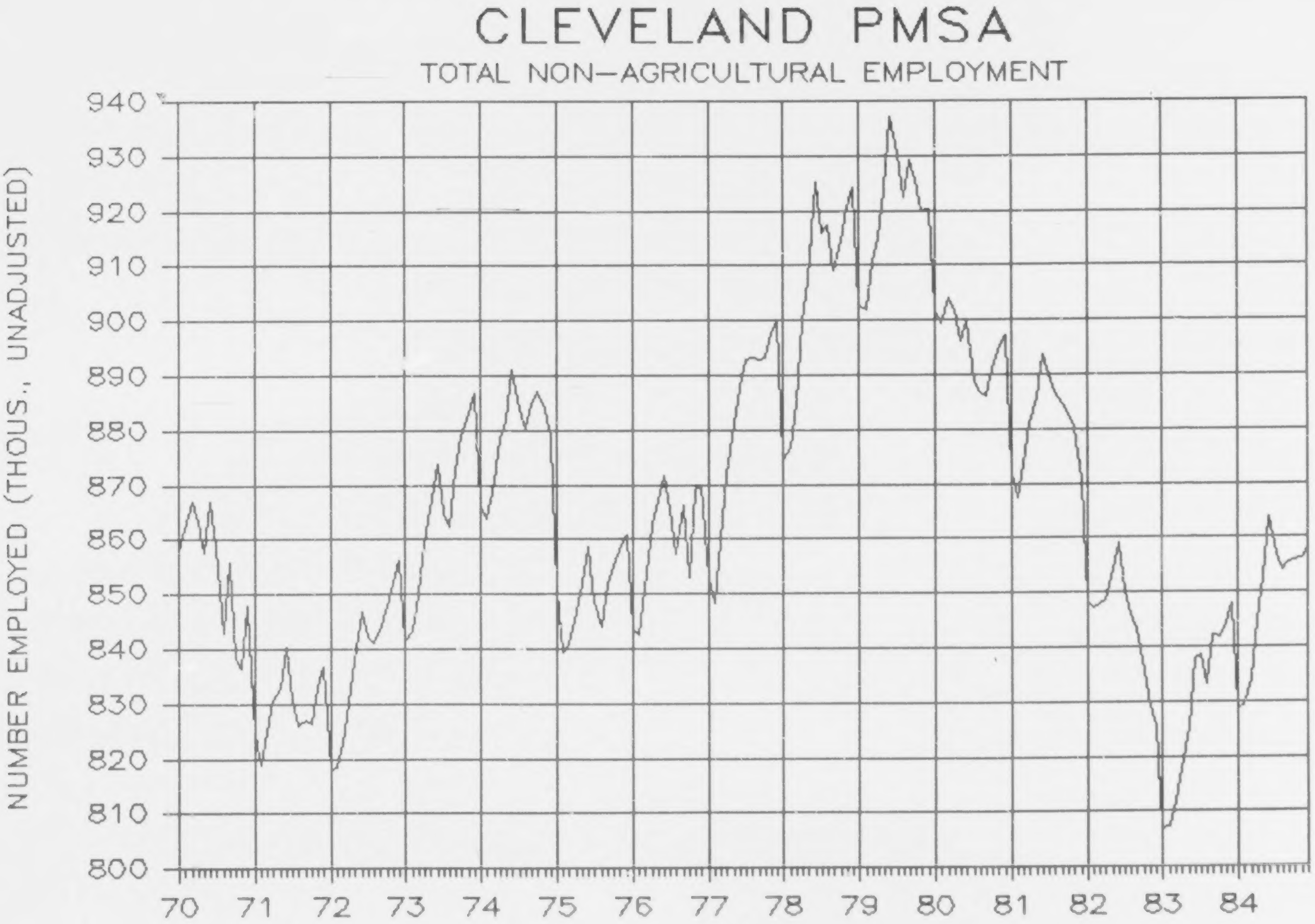


CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)





CLEVELAND PMSA

TOTAL NON-AGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a]

1.

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	849.2	828.9	829.4	833.9	844.6	852.7	863.8	857.1	854.1	855.5	856.0	856.4	857.9
MANUFACTURING	213.2	210.4	210.2	211.7	212.3	213.6	215.6	213.3	212.9	214.6	214.5	214.8	214.2
Durable Goods[b]	148.1	146.7	146.5	147.5	147.7	148.3	149.4	147.3	147.1	148.8	149.1	149.6	149.2
Primary metal industries	23.7	24.5	24.5	24.4	24.3	24.1	23.9	23.3	23.1	23.1	23.3	23.4	23.1
Blast furnace and basic steel products	11.6	12.3	12.2	12.1	11.9	11.8	11.5	11.3	11.2	11.2	11.4	11.4	10.8
Iron and steel foundries	5.8	5.8	5.9	5.9	5.9	5.9	5.8	5.6	5.6	5.6	5.6	5.7	5.8
Fabricated metal products	33.3	32.3	32.3	32.5	33.0	33.2	33.7	33.1	33.7	34.1	34.0	34.0	34.3
Fabricated structural metal products .	3.6	3.4	3.3	3.3	3.4	3.5	3.6	3.7	3.7	3.7	3.8	3.7	3.8
Screw machine products, bolts, etc. ..	4.7	4.5	4.6	4.6	4.7	4.7	4.8	4.7	4.8	4.8	4.8	4.9	4.9
Metal forgings and stampings	11.6	11.4	11.4	11.5	11.6	11.5	11.5	11.2	11.5	11.8	11.6	11.8	11.9
Machinery, except electrical	33.5	32.3	32.3	32.7	33.3	33.7	34.0	33.7	33.7	34.0	34.1	34.2	33.9
Construction and related machinery ...	4.8	5.3	5.1	5.0	5.0	5.0	4.9	4.7	4.6	4.5	4.5	4.5	4.2
Metalworking machinery	10.6	10.2	10.4	10.5	10.5	10.6	10.7	10.6	10.6	10.7	10.6	10.7	10.8
Special industry machinery	3.7	3.4	3.4	3.5	3.6	3.7	3.7	3.7	3.8	3.9	3.9	3.9	3.9
General industrial machinery	3.0	2.9	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Electric and electronic equipment	19.9	19.8	19.8	19.9	19.8	20.0	20.2	20.1	19.8	20.1	19.9	19.9	19.8
Electrical industrial apparatus	7.3	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.3	7.2	7.3	7.3
Transportation equipment	20.0	20.5	20.5	20.6	19.9	19.8	19.9	19.4	19.2	19.8	20.0	20.3	20.4
Motor vehicles and equipment	13.4	14.0	14.0	14.0	13.3	13.2	13.2	12.7	12.6	13.0	13.3	13.5	13.6
Instruments and related products	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.1	8.2	8.3	8.3	8.3
Measuring and controlling devices	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.0	4.1	4.1
Nondurable Goods[c]	65.1	63.7	63.6	64.2	64.6	65.2	66.2	66.0	65.8	65.8	65.4	65.2	64.9
Food and kindred products	7.2	7.3	7.1	7.1	7.3	7.3	7.5	7.4	7.2	7.2	7.1	7.1	7.2
Apparel and other textile products	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.0	5.0	5.1	5.1	5.0	5.0
Paper and allied products	5.5	5.3	5.3	5.3	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.7	5.7
Printing and publishing	15.6	15.4	15.3	15.4	15.3	15.5	15.8	15.9	15.9	15.9	15.8	15.6	15.4
Chemicals and allied products	14.2	13.8	13.8	13.9	14.1	14.2	14.6	14.5	14.5	14.3	14.1	14.0	14.1
Rubber and misc. plastics products	11.8	11.5	11.5	11.6	11.8	11.9	12.0	11.9	11.9	12.0	12.0	12.1	11.9

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	636.0	618.5	619.2	622.3	632.3	639.1	648.2	643.8	641.2	640.9	641.5	641.5	643.7
CONSTRUCTION	26.9	23.4	23.2	23.1	25.7	27.2	28.7	29.4	29.2	29.3	29.3	28.3	26.7
TRANSPORTATION AND PUBLIC UTILITIES	42.3	41.1	41.0	41.4	42.0	42.6	42.9	42.7	42.8	42.8	42.8	42.8	43.0
Trucking and warehousing	10.8	10.2	10.4	10.5	10.7	10.9	11.1	10.8	10.9	10.8	10.8	10.9	11.2
Communication and electric, gas services.	19.6	19.6	19.6	19.6	19.6	19.6	19.5	19.5	19.5	19.6	19.6	19.6	19.7
WHOLESALE TRADE	61.3	59.8	59.9	60.2	60.7	61.1	62.1	62.0	61.8	61.9	62.0	62.0	62.4
Wholesale trade durable goods	43.2	42.2	42.3	42.5	42.7	43.0	43.8	43.7	43.6	43.7	43.8	43.7	44.0
RETAIL TRADE	139.8	136.2	134.1	135.5	138.0	140.2	142.0	140.6	140.5	141.4	141.1	142.7	146.0
General merchandise stores	21.4	21.7	20.8	20.6	20.7	20.9	21.0	21.0	20.7	21.1	21.6	22.7	23.9
FINANCE INSURANCE AND REAL ESTATE	48.4	47.8	48.0	48.0	48.1	48.2	48.9	49.1	48.9	48.8	48.5	48.3	48.4
Banking	13.0	13.4	13.3	13.1	12.9	12.8	12.9	13.0	12.9	12.9	12.9	13.0	13.0
Credit agencies other than banks	7.7	7.6	7.6	7.6	7.6	7.6	7.8	7.8	7.8	7.7	7.7	7.7	7.7
Insurance carriers	11.4	11.2	11.4	11.5	11.4	11.4	11.5	11.5	11.4	11.4	11.3	11.2	11.2
SERVICES	201.1	195.1	196.6	198.0	201.6	203.7	205.7	202.8	202.7	203.1	201.7	201.5	201.3
Business services	39.0	36.2	36.4	36.8	38.4	39.0	39.8	39.7	40.0	40.2	40.4	40.4	40.9
Amusement and recreation services	8.0	6.1	6.1	6.7	7.5	9.0	9.7	10.2	10.3	9.9	6.9	6.7	6.5
Health services	66.0	65.3	65.2	65.4	65.4	65.4	66.0	66.2	66.4	66.3	66.8	67.0	66.6
GOVERNMENT	114.7	113.8	115.1	114.9	115.1	114.9	116.6	115.9	114.1	112.4	114.9	114.5	114.6
Federal government	19.6	19.4	19.4	19.5	19.5	19.5	19.6	19.7	19.6	19.6	19.6	19.6	19.7
State government	7.8	8.0	7.9	8.0	7.9	7.6	8.1	7.5	7.4	7.3	7.8	7.6	8.0
State government education	2.8	3.1	3.0	3.2	3.1	2.8	3.0	2.4	2.3	2.3	2.9	2.8	3.1
State government, except education	5.0	5.0	4.9	4.8	4.9	4.8	5.1	5.1	5.1	5.0	4.9	4.9	5.0
Local government	87.4	86.4	87.7	87.4	87.6	87.8	88.9	88.7	87.1	85.5	87.5	87.3	86.9
Local government education	42.4	42.2	43.6	43.8	43.8	43.6	43.3	40.2	38.6	41.2	43.0	43.2	42.8
Local government, except education	45.0	44.2	44.1	43.6	43.8	44.2	45.6	48.5	48.5	44.3	44.5	44.1	44.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-85 RS-790-1-4 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a]

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	829.8	806.9	807.5	812.1	817.8	825.2	838.0	838.8	833.4	842.6	842.1	844.5	848.2
MANUFACTURING	207.3	204.4	204.7	205.5	205.1	206.0	207.7	206.6	206.7	209.5	209.9	210.6	210.9
Durable Goods[b]	143.9	142.2	142.2	142.6	142.7	143.4	144.5	143.0	142.5	144.8	145.8	146.5	146.5
Primary metal industries	24.1	23.1	23.3	23.5	23.8	23.8	24.1	23.9	24.3	24.7	24.9	24.8	24.7
Blast furnace and basic steel products	12.4	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.9	12.6	12.6	12.5	12.5
Iron and steel foundries	5.7	5.7	5.6	5.6	5.7	5.5	5.6	5.4	5.6	5.9	6.0	6.0	5.8
Fabricated metal products	31.1	31.0	30.9	30.9	30.7	30.9	31.2	30.4	30.4	31.1	31.5	32.0	32.2
Fabricated structural metal products	3.6	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.6	3.6	3.6
Screw machine products, bolts, etc.	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.5	4.5
Metal forgings and stampings	10.8	11.1	11.0	10.9	10.7	10.7	10.8	10.0	9.8	10.4	11.0	11.3	11.4
Machinery, except electrical	30.9	31.0	30.3	30.2	30.2	30.7	30.9	31.1	30.7	31.0	31.3	31.5	31.9
Construction and related machinery	5.2	4.9[e]	4.8[e]	4.8[e]	4.7[e]	5.3	5.4	5.5	5.5	5.5	5.4	5.4	5.3
Metalworking machinery	10.0	10.5	10.2	10.1	10.1	9.9	9.9	9.9	10.0	9.8	9.9	9.9	10.1
Special industry machinery	3.1	2.8	2.8	2.9	3.0	3.0	2.9	3.0	3.1	3.2	3.3	3.4	3.4
General industrial machinery	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
Electric and electronic equipment	21.3	22.3	22.5	22.5	22.0	21.7	21.4	21.0	20.8	20.7	20.6	20.3	19.8
Electrical industrial apparatus	7.4	7.7	7.7	7.7	7.5	7.4	7.4	7.3	7.3	7.3	7.3	7.2	7.3
Transportation equipment	20.3	19.8	20.2	20.4	20.6	20.5	20.8	20.2	19.6	20.3	20.5	20.6	20.6
Motor vehicles and equipment	13.9	13.3	13.8	14.0	14.2	14.2	14.3	13.8	13.3	13.8	14.0	14.1	14.1
Instruments and related products	6.7	5.7	5.7	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1
Measuring and controlling devices	3.8	3.6	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
Nondurable Goods[c]	63.4	62.3	62.4	62.9	62.4	62.6	63.2	63.6	64.2	64.7	64.1	64.2	64.3
Food and kindred products	7.7	7.6	7.5	7.6	7.6	7.6	7.7	7.9	7.9	7.9	7.7	7.7	7.7
Apparel and other textile products	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.9	4.9	4.9	5.1
Paper and allied products	4.9	4.7	4.8	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2
Printing and publishing	15.0	14.5	14.6	14.9	14.8	14.9	15.0	14.9	15.2	15.4	15.3	15.4	15.5
Chemicals and allied products	14.3	14.8	14.7	14.5	14.2	14.2	14.2	14.3	14.4	14.2	14.0	14.0	14.0
Rubber and miscl plastics products	10.8	10.1	10.3	10.6	10.4	10.6	10.7	10.8	10.9	11.3	11.3	11.3	11.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	622.5	602.5	602.8	606.6	612.7	619.1	630.3	632.3	626.8	633.1	632.2	633.9	637.3
CONSTRUCTION	25.3	20.9	20.6	21.4	22.7	24.5	26.4	27.8	28.4	28.6	28.5	27.8	26.3
TRANSPORTATION AND PUBLIC UTILITIES	40.9	40.4	40.1	40.4	41.1	41.3	41.9	41.9	36.7	41.9	41.7	41.4	42.0
Trucking and warehousing	10.1	9.5	9.6	9.7	9.8	10.0	10.4	10.3	10.4	10.4	10.2	10.4	10.7
Communication, electric, gas services	19.4	20.2	20.1	20.1	20.1	19.9	19.9	19.7	14.6[e]	19.6	19.5	19.4	19.5
WHOLESALE TRADE	58.9	57.7	57.4	57.7	57.8	58.1	58.8	59.4	59.7	59.7	59.9	60.0	60.4
Wholesale trade-durable goods	41.3	40.6	40.4	40.5	40.6	40.7	41.2	41.6	41.8	41.8	41.9	42.2	42.5
RETAIL TRADE	135.9	131.5	129.4	129.9	132.4	134.2	136.1	137.6	137.7	138.5	138.6	140.7	144.2
General merchandise stores	21.1	21.3	20.3	20.3	20.4	20.4	20.5	20.7	20.4	21.0	21.4	22.6	23.9
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.1	48.1	48.0	48.2	48.5	49.0	49.1	49.3	48.7	48.2	48.0	48.1
Banking	13.5	13.6	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.4	13.3	13.4	13.4
Credit agencies other than banks	7.4	7.2	7.3	7.3	7.3	7.4	7.5	7.4	7.6	7.5	7.5	7.5	7.6
Insurance carriers	11.8	11.9	11.9	11.9	11.9	12.0	12.0	12.0	11.9	11.8	11.6	11.4	11.4
SERVICES	195.7	188.9	190.1	191.4	193.4	194.7	196.7	197.4	197.4	200.4	199.9	199.4	199.0
Business services	34.1	31.0	31.2	31.9	32.4	33.0	33.8	34.7	35.5	36.0	36.3	36.4	36.8
Amusement and recreation services	7.9	6.0	6.0	6.2	7.2	8.2	8.9	9.7	10.0	9.7	8.1	7.4	7.3
Health services	65.4	65.1	64.9	65.1	64.8	65.0	65.5	66.1	66.2	66.1	65.4	65.2	65.2
GOVERNMENT	116.1	113.8	115.9	116.7	116.0	116.8	120.2	117.9	116.4	114.1	114.3	115.3	116.1
Federal government	19.4	19.2	19.2	19.3	19.2	19.2	19.3	19.7	19.5	19.4	19.4	19.4	19.5
State government	7.9	8.1	8.1	8.1	8.2	7.7	8.1	7.5	7.4	7.3	7.9	8.0	8.2
State government education[f]	2.8	3.1	3.0	3.1	3.2	2.7	2.9	2.3	2.2	2.3	2.9	3.1	3.1
State government, except education	5.1	5.1	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	4.9	4.9	5.1
Local government	88.9	86.4	88.6	89.2	88.6	89.9	92.8	90.7	89.5	87.3	87.0	87.9	88.4
Local government education	42.9	42.1	44.3	44.6	44.1	44.7	44.3	39.5	38.6	41.7	42.9	43.8	44.2
Local government, except education	46.0	44.3	44.3	44.7	44.5	45.2	48.6	51.2	50.9	45.7	44.2	44.1	44.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

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Columbus 43216 5-1-85 RS-790-1-4 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	854.6	829.4	838.1	865.2	879.2	850.6	860.0	880.9	905.8	919.8	895.7	880.7	844.6
MANUFACTURING	296.8	273.5	273.9	288.1	287.1	260.3	265.1	270.8	275.6	276.3	254.9	246.8	223.0
Durable Goods[b]	217.8	197.5	198.8	212.2	213.6	192.3	194.6	199.3	203.7	205.1	186.8	180.1	158.9
Primary metal industries	33.7	31.4	30.8	33.7	33.5	29.5	30.9	32.1	32.2	31.6	28.8	29.4	26.2
Blast furnace and basic steel products	17.7	16.6	16.4	17.4	17.2	15.4	16.4	16.4	16.5	16.5	15.5	15.6	13.8
Iron and steel foundries	6.1	5.9	6.0	7.1	7.4	6.9	6.8	7.7	7.7	7.0	6.1	6.7	6.3
Fabricated metal products	46.7	42.9	44.8	48.2	48.5	42.0	43.4	45.2	45.6	45.5	40.0	38.6	33.7
Fabricated structural metal products	5.0	4.6	4.8	5.4	5.7	4.9	4.7	5.0	5.0	4.6	4.5	4.5	4.0
Screw machine products, bolts, etc.	8.8	7.8	8.1	8.2	8.2	6.8	6.8	7.1	7.2	7.3	6.3	5.9	4.9
Metal forgings and stampings	16.9	16.0	16.8	18.1	17.3	15.0	16.3	17.3	17.7	17.8	14.0	13.4	11.8
Machinery, except electrical	51.0	44.3	46.0	49.8	52.0	49.1	48.1	47.7	49.0	50.7	49.2	45.9	38.2
Construction and related machinery	8.3	7.4	8.0	8.8	9.3	8.8	8.2	8.8	9.5	9.2	8.8	8.4	6.8
Metalworking machinery	18.1	14.9	15.1	17.2	18.2	16.9	16.6	16.8	16.7	17.5	17.5	16.4	13.1
Special industry machinery	5.7	5.4	5.2	5.8	5.3	4.8	4.9	4.8	5.1	5.2	4.8	4.2	3.3
General industrial machinery	4.6	4.0	4.1	4.1	4.1	3.8	3.7	3.9	4.0	4.1	4.0	3.9	3.4
Electric and electronic equipment	28.6	26.4	26.2	27.7	27.6	25.6	25.9	25.6	26.3	26.5	25.0	24.5	23.8
Electrical industrial apparatus	9.3	8.1	7.6	7.7	8.0	7.9	7.9	8.3	8.8	9.1	9.2	9.1	8.6
Transportation equipment	35.7	33.4	31.9	33.1	31.9	27.2	27.0	29.0	31.2	31.8	25.3	23.9	20.7
Motor vehicles and equipment	26.3	25.9	25.4	25.6	24.3	20.3	20.7	22.4	24.0	24.0	17.2	16.4	13.9
Instruments and related products	7.3	6.5	6.3	6.1	6.3	6.6	6.9	7.3	6.5	5.7	6.3	6.5	5.9
Nondurable Goods[c]	79.0	76.1	75.0	75.9	73.6	68.0	70.5	71.5	71.8	71.2	68.1	66.7	64.1
Food and kindred products	12.8	11.6	10.7	10.3	9.7	9.2	9.7	9.6	9.5	9.2	8.8	8.2	7.8
Apparel and other textile products	9.3	8.8	9.0	9.3	8.8	7.4	7.3	6.9	6.5	6.1	5.7	5.7	5.3
Paper and allied products	5.4	5.3	5.2	5.4	5.3	4.7	5.2	5.3	5.3	5.3	5.2	5.0	4.9
Printing and publishing	17.2	16.5	16.2	16.3	15.9	15.1	14.9	15.4	15.5	15.3	15.3	15.3	15.0
Chemicals and allied products	18.9	18.2	17.7	17.0	17.0	16.1	16.5	16.6	16.7	16.9	16.6	16.1	15.2
Rubber and misc. plastics products	10.4	10.1	10.6	11.7	11.1	9.9	11.1	11.7	12.5	12.7	10.7	10.6	10.1
NONMANUFACTURING[d]	557.8	555.8	564.2	577.1	592.1	590.3	594.9	610.2	630.2	643.5	640.8	633.9	621.7
CONSTRUCTION	33.4	31.1	30.0	31.3	32.2	30.5	28.8	29.5	32.4	33.5	29.8	27.6	25.0
TRANSPORTATION AND PUBLIC UTILITIES	50.6	49.4	49.1	48.4	49.9	48.0	45.9	46.0	47.3	47.8	45.9	44.8	43.0
Communication, electric, gas services	19.9	20.0	20.0	18.9	19.7	19.2	18.5	18.2	18.6	18.9	19.3	19.9	20.2
WHOLESALE TRADE	55.1	55.3	55.7	57.4	60.5	58.7	60.5	61.0	63.6	65.3	63.9	62.8	60.6
RETAIL TRADE	126.1	125.3	128.7	133.0	135.4	134.2	136.0	140.7	145.6	146.8	141.4	137.7	134.6
FINANCE, INSURANCE, AND REAL ESTATE	41.4	41.9	42.3	43.3	43.3	43.2	44.1	44.8	45.8	47.9	48.2	48.2	48.4
Banking	11.4	11.3	11.1	11.5	12.0	12.3	12.3	12.5	12.8	13.5	13.7	13.7	13.6
Insurance carriers	10.7	11.0	10.7	10.8	10.9	11.0	11.2	11.5	12.0	12.6	12.2	11.9	12.2
SERVICES	137.5	138.2	142.8	149.3	155.6	158.0	160.4	168.0	175.4	182.5	187.5	191.8	192.2
GOVERNMENT	112.2	113.2	114.3	113.1	113.9	116.2	117.7	118.6	118.6	118.2	122.6	119.7	116.7
Federal government	22.1	21.3	20.6	20.3	20.7	20.8	20.7	20.5	20.3	20.3	20.7	20.0	19.5
State government (includes education)	6.1	6.5	6.9	7.1	6.8	7.0	7.5	7.6	7.7	7.8	8.1	7.9	7.8
Local government	84.0	85.4	86.7	85.8	86.4	88.4	89.5	90.5	90.6	90.1	93.8	91.9	89.4
Local government education	44.7	47.8	48.8	46.1	46.1	47.0	46.9	47.1	44.9	45.0	47.9	45.9	43.8
Local government, except education	39.3	37.6	37.9	39.7	40.3	41.4	42.6	43.4	45.7	45.1	45.9	45.9	45.6

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AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.86	$10.71	$10.78	$10.82	$10.84	$10.84	$10.83	$10.69	$10.81	$10.92	$10.91	$11.10	$11.11
Durable Goods[b]	11.42	11.26	11.33	11.39	11.38	11.38	11.36	11.20	11.37	11.48	11.46	11.69	11.68
Primary metal industries	12.83	12.35	12.68	12.68	12.64	12.82	12.70	12.48	12.86	13.02	13.08	13.41	13.33
Blast furnace and basic steel products	13.14	12.66	13.23	13.09	13.22	13.23	13.05	13.04	13.09	13.11	13.29	13.32	13.37
Iron and steel foundries	15.29	14.62	14.85	14.94	14.76	15.17	15.04	14.63	15.32	15.70	15.60	16.39	16.27
Fabricated metal products	10.92	10.70	10.73	10.96	11.08	10.96	10.95	10.72	10.87	10.87	10.81	11.03	11.27
Fabricated structural metal products .	8.87	8.39	8.64	8.73	8.67	8.88	8.96	9.16	9.10	9.03	8.91	9.00	8.92
Screw machine products, bolts, etc. ..	9.70	10.39	10.20	10.07	9.89	9.69	9.51	9.36	9.33	9.60	9.56	9.50	9.24
Metal forgings and stampings	13.36	12.84	12.88	13.31	13.56	13.42	13.50	13.25	13.39	13.24	13.21	13.53	14.04
Machinery, except electrical	10.95	11.11	11.19	11.02	10.96	11.01	10.97	10.73	10.74	10.75	10.88	10.84	11.11
Construction and related machinery ...	11.72	12.53	12.27	12.01	11.96	11.85	11.67	11.44	11.30	11.37	11.29	11.31	11.36
Metalworking machinery	10.02	10.33	10.28	10.19	10.12	10.16	10.12	9.99	9.89	9.95	9.76	9.69	9.77
Special industry machinery	11.68	11.96	11.94	11.87	11.72	11.40	11.44	11.46	11.53	11.56	11.56	11.64	11.99
General industrial machinery	9.87	9.98	9.93	9.83	9.77	9.84	9.65	9.63	9.65	9.88	9.95	10.13	10.22
Electric and electronic equipment	10.12	10.00	10.02	10.08	9.99	10.01	9.93	10.11	10.15	10.26	10.29	10.37	10.26
Electrical industrial apparatus	10.37	10.09	10.10	10.24	10.28	10.43	10.30	10.23	10.46	10.64	10.65	10.54	10.48
Transportation equipment	13.75	13.39	13.40	13.62	13.64	13.52	13.70	13.59	13.81	14.03	13.83	14.30	14.09
Motor vehicles and equipment	14.48	14.02	14.05	14.31	14.39	14.26	14.46	14.40	14.64	14.87	14.59	15.03	14.74
Instruments and related products	8.92	8.93	8.92	8.99	9.00	8.87	8.91	8.96	8.95	8.91	8.83	8.92	8.89
Measuring and controlling devices	9.14	8.99	9.05	9.10	9.19	9.04	9.04	9.18	9.16	9.10	9.08	9.34	9.31
Nondurable Goods[c]	9.36	9.23	9.28	9.28	9.34	9.37	9.40	9.34	9.33	9.40	9.43	9.47	9.49
Food and kindred products	9.46	9.48	9.52	9.47	9.57	9.50	9.50	9.49	9.43	9.50	9.38	9.44	9.23
Apparel and other textile products	7.15	7.16	7.15	7.15	7.25	7.10	7.20	7.27	7.10	7.09	7.11	7.17	7.07
Paper and allied products	9.91	9.48	9.89	9.72	9.91	10.07	9.91	9.92	9.86	9.90	9.94	10.11	10.19
Printing and publishing	10.11	10.04	10.03	9.98	10.14	10.19	10.23	10.14	10.09	10.11	10.08	10.08	10.20
Chemicals and allied products	11.19	10.97	11.08	11.14	11.15	11.13	11.10	11.12	11.16	11.26	11.46	11.44	11.31
Rubber and misc. plastics products	8.16	8.08	8.09	8.11	8.31	8.12	8.19	7.94	8.01	8.24	8.26	8.40	8.46
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	$12.83	$12.71	$12.65	$12.67	$12.66	$12.70	$12.79	$12.78	$13.04	$13.10	$12.96	$12.99	$12.85
WHOLESALE TRADE	8.97	8.87	8.75	8.78	8.87	8.89	8.84	8.98	8.92	9.08	9.15	9.13	9.25
RETAIL TRADE[d]	6.10	6.01	6.07	6.09	6.09	6.10	6.16	6.12	6.13	6.13	6.16	6.12	6.06
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-26-85 RS-790-4-4 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.0	41.9	42.2	42.3	42.2	42.0	42.0	41.1	41.5	42.0	42.0	42.5	42.4
Durable Goods[b]	42.5	42.2	42.8	42.8	42.9	42.5	42.6	41.4	42.0	42.6	42.5	43.1	43.0
Primary metal industries	42.3	42.0	42.6	41.9	42.5	42.5	42.2	40.3	42.4	43.0	42.7	43.6	42.2
Blast furnace and basic steel products	37.5	37.4	38.2	37.1	39.1	37.8	37.2	37.1	37.3	37.4	37.7	37.8	35.8
Iron and steel foundries	47.7	46.6	47.4	46.4	44.8	47.7	47.8	42.2	49.0	49.4	48.8	52.1	50.2
Fabricated metal products	42.7	42.0	42.6	43.1	43.3	42.8	43.5	42.2	42.9	42.1	42.1	42.8	43.2
Fabricated structural metal products	40.5	38.5	39.1	39.5	38.9	39.6	42.1	42.2	42.0	40.2	41.3	42.2	40.2
Screw machine products, bolts, etc.	45.0	46.2	46.7	46.0	45.3	45.3	46.1	43.5	43.8	44.8	44.0	45.1	43.8
Metal forgings and stampings	44.4	43.0	44.1	45.2	46.3	45.1	45.4	42.6	44.0	43.0	43.5	44.6	45.9
Machinery, except electrical	42.8	43.0	44.0	43.0	43.2	43.1	43.3	41.5	40.9	41.8	42.3	42.7	44.7
Construction and related machinery	40.5	39.5	41.0	39.5	39.8	40.1	40.9	39.9	38.9	40.4	40.4	41.7	43.9
Metalworking machinery	41.0	41.5	41.1	41.5	41.4	41.8	41.3	39.7	39.4	39.8	40.0	41.3	42.6
Special industry machinery	41.0	42.6	42.4	41.2	41.9	39.8	40.5	40.4	39.3	39.6	39.2	40.9	43.6
General industrial machinery	42.6	41.8	43.0	42.5	42.8	41.8	42.7	42.3	41.6	42.8	43.9	42.3	43.3
Electric and electronic equipment	40.9	40.3	41.8	42.3	40.9	40.7	39.5	40.2	40.4	41.2	41.1	41.5	40.4
Electrical industrial apparatus	40.6	36.9	40.7	42.4	40.5	40.8	40.2	40.2	41.0	41.8	40.8	41.2	40.4
Transportation equipment	45.1	44.5	44.3	45.0	45.4	44.6	45.6	44.1	44.7	46.6	45.2	46.5	45.1
Motor vehicles and equipment	45.9	45.3	44.9	45.3	46.4	45.3	46.2	44.3	46.2	48.4	45.7	47.8	45.4
Instruments and related products	41.6	41.2	41.3	41.8	41.6	40.2	41.8	40.1	40.4	40.9	41.0	43.7	43.6
Measuring and controlling devices	42.1	41.6	42.8	43.0	43.0	41.6	41.6	40.7	40.2	41.0	41.0	43.6	44.7
Nondurable Goods[c]	40.7	41.1	40.8	41.0	40.6	40.7	40.5	40.3	40.1	40.5	41.0	40.9	40.9
Food and kindred products	41.5	40.9	40.4	40.2	41.0	41.0	42.0	41.8	41.5	42.3	41.8	42.4	43.4
Apparel and other textile products	38.2	39.1	39.2	39.1	38.1	37.9	37.5	37.9	37.3	38.7	38.4	38.6	36.7
Paper and allied products	43.5	44.3	43.9	43.4	43.7	43.8	42.6	42.3	42.1	42.7	44.1	44.2	45.3
Printing and publishing	36.7	37.4	36.9	37.2	36.6	36.3	35.9	36.1	36.1	36.8	37.0	37.4	37.2
Chemicals and allied products	42.5	42.8	42.9	43.4	42.4	42.1	42.5	42.5	42.0	42.6	42.6	42.0	42.7
Rubber and misc. plastics products	42.4	43.1	42.9	43.7	42.4	43.2	42.5	41.2	41.3	41.6	42.7	42.9	41.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.8	41.1	40.5	40.6	40.6	40.6	41.0	40.9	41.1	41.0	40.7	40.8	40.7
WHOLESALE TRADE	39.4	39.6	38.9	39.1	39.5	39.8	39.5	39.3	39.3	39.3	39.4	39.4	39.8
RETAIL TRADE	28.7	28.1	28.2	28.2	28.4	28.5	29.2	29.6	29.2	28.9	28.6	28.3	29.4
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Modina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-17-85 RS-790-3-4 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$456.12	$448.75	$454.92	$457.69	$457.45	$455.28	$454.86	$439.36	$448.62	$458.64	$458.22	$471.75	$471.06
Durable Goods[b]	485.35	475.17	484.92	487.49	488.20	483.65	483.94	463.68	477.54	489.05	487.05	503.84	502.24
Primary metal industries	542.71	518.70	540.17	531.29	537.20	544.85	535.94	502.94	545.26	559.86	558.52	584.68	562.53
Blast furnace and basic steel products	492.75	473.48	505.39	485.64	516.90	500.09	485.46	483.78	488.26	490.31	501.03	503.50	478.65
Iron and steel foundries	729.33	681.29	703.89	693.22	661.25	723.61	718.91	617.39	750.68	775.58	761.28	853.92	816.75
Fabricated metal products	466.28	449.40	457.10	472.38	479.76	469.09	476.33	452.38	466.32	457.63	455.10	472.08	486.86
Fabricated structural metal products	359.24	323.02	337.82	344.84	337.26	351.65	377.22	386.55	382.20	363.01	367.98	379.80	358.58
Screw machine products, bolts, etc.	436.50	480.02	476.34	463.22	448.02	438.96	438.41	407.16	408.65	430.08	420.64	428.45	404.71
Metal forgings and stampings	593.78	552.12	568.01	601.61	627.83	605.24	612.90	564.45	589.16	569.32	574.64	603.44	644.44
Machinery, except electrical	468.66	477.73	492.36	473.86	473.47	474.53	475.00	445.30	439.27	449.35	460.22	462.87	496.62
Construction and related machinery	474.66	494.94	503.07	474.40	476.01	475.19	477.30	456.46	439.57	459.35	456.12	471.63	498.70
Metalworking machinery	410.82	428.70	422.51	422.89	418.97	424.69	417.96	396.60	389.67	396.01	390.40	400.20	416.20
Special industry machinery	478.88	509.50	506.26	489.04	491.07	453.72	463.32	462.98	453.13	457.78	453.15	476.08	522.76
General industrial machinery	420.46	412.98	426.99	417.78	418.16	411.31	412.06	407.35	401.44	422.86	436.81	428.50	442.53
Electric and electronic equipment	413.91	403.00	418.84	426.38	408.59	407.41	392.24	406.42	410.06	422.71	422.92	430.36	414.50
Electrical industrial apparatus	421.02	369.74	411.07	434.18	416.34	425.54	414.06	411.25	428.86	444.75	434.52	434.25	423.39
Transportation equipment	620.13	595.86	593.62	612.90	619.26	602.99	624.72	599.32	617.31	653.80	625.12	664.95	635.46
Motor vehicles and equipment	664.63	635.11	630.85	648.24	667.70	645.98	668.05	637.92	676.37	719.71	666.76	718.43	669.20
Instruments and related products	371.07	367.92	368.40	375.78	374.40	356.57	372.44	359.30	361.58	364.42	362.03	389.80	387.60
Measuring and controlling devices	384.79	373.98	387.34	391.30	395.17	376.06	376.06	373.63	368.23	373.10	372.28	407.22	416.16
Nondurable Goods[c]	380.95	379.35	378.62	380.48	379.20	381.36	380.70	376.40	374.13	380.70	386.63	387.32	388.14
Food and kindred products	392.59	387.73	384.61	380.69	392.37	389.50	399.00	396.68	391.35	401.85	392.08	400.26	400.58
Apparel and other textile products	273.13	279.96	280.28	279.57	276.23	269.09	270.00	275.53	264.83	274.38	273.02	276.76	259.47
Paper and allied products	431.09	419.96	434.17	421.85	433.07	441.07	422.17	419.62	415.11	422.73	438.35	446.86	461.61
Printing and publishing	371.04	375.50	370.11	371.26	371.12	369.90	367.26	366.05	364.25	372.05	372.96	376.99	379.44
Chemicals and allied products	475.98	469.52	474.33	483.48	472.76	468.57	471.75	472.60	468.72	479.68	488.20	480.48	482.44
Rubber and misc. plastics products	[illegible]	348.26	347.06	351.16	339.62	350.78	348.08	327.13	330.81	342.78	352.70	360.36	350.28
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	$523.46	$522.38	$512.33	$514.40	$514.00	$515.62	$524.39	$522.70	$535.94	$537.10	$527.47	$529.99	$523.00
WHOLESALE TRADE	353.42	351.25	340.38	343.30	350.37	353.82	353.13	352.91	350.56	356.84	360.51	359.72	368.15
RETAIL TRADE[d]	175.07	168.88	171.17	171.74	172.96	173.85	179.87	181.15	179.00	177.16	176.18	173.20	178.16
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	253.44	251.23	255.60	252.15	252.23	246.65	252.74	255.93	254.75	252.28	251.40	255.94	260.15

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision."
[b] Includes lumber and wood products; stone, clay, and glass products, miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

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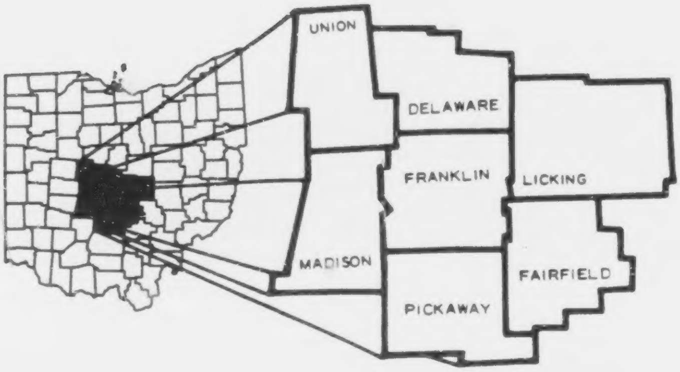
Ohio Bureau of Employment Services
Columbus 43216 4-11-85 RS-790-2-4 (1984)

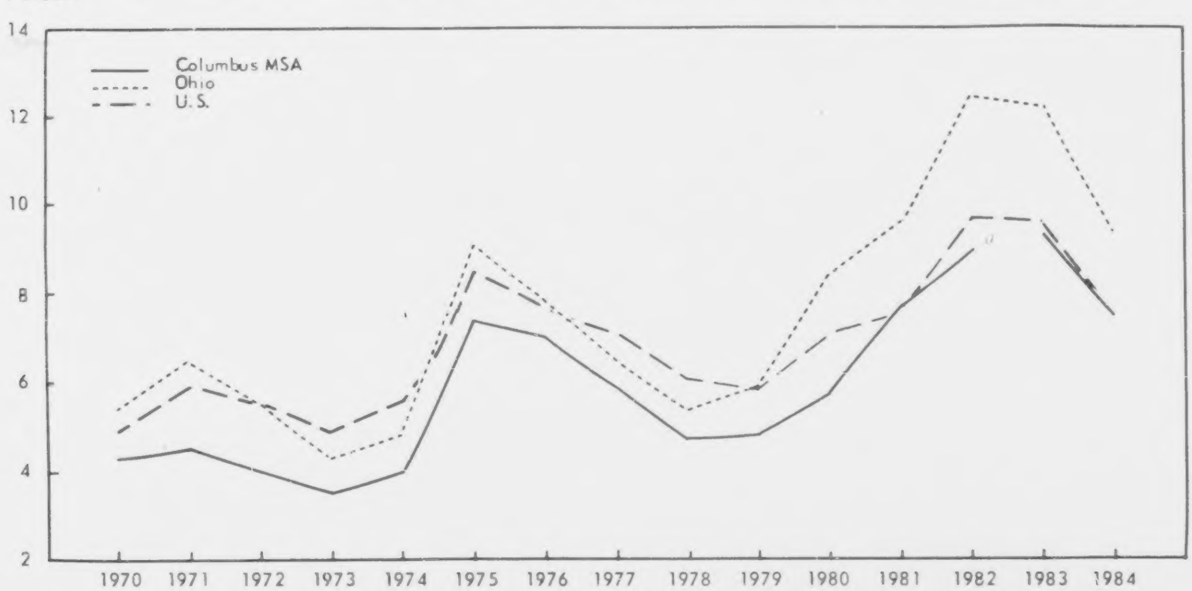
COLUMBUS
METROPOLITAN STATISTICAL AREA



The estimated annual average civilian labor force in the Columbus MSA, based on place of residence, rose 13,300 from 1983 to 660,900 in 1984. Employment increased 23,900 over the year; unemployment dropped 10,600 to a 1984 total of 49,600. The unemployment rate declined from 9.3 percent in 1983 to 7.5 percent in 1984 (see table, top of page 65).

Nonagricultural wage and salary employment in the Columbus area increased 4.8 percent from 1983, to 574,600 in 1984. This change was higher than the 3.8 percent statewide improvement, due chiefly to the fact that Columbus has a much smaller concentration of manufacturing than other areas of the state. Most of the employment shrinkage in Columbus between 1979 and 1983 occurred in manufacturing industries, especially electric and electronic equipment, machinery, except electrical, and fabricated metal products (see table, bottom of page 65). Employment in construction, transportation and public utilities, and government also declined. However, all other nonmanufacturing industries registered higher employment levels, led by services and finance, insurance, and real estate. With expansion in nearly every manufacturing and nonmanufacturing category between 1983 and 1984, Columbus had the highest area recovery rate in the state, 257.8 percent.

COLUMBUS MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



¹/Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

COLUMBUS METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Columbus	Ohio	U.S.
1970	433.7	415.2	18.4	4.3	5.4	4.9
1971	445.6	425.6	20.0	4.5	6.5	5.9
1972	469.1	450.2	18.9	4.0	5.5	5.6
1973	485.5	468.3	17.1	3.5	4.3	4.9
1974	495.4	475.5	19.9	4.0	4.8	5.6
1975	495.0	458.6	36.5	7.4	9.1	8.5
1976	503.6	468.5	35.1	7.0	7.8	7.7
1977	513.4	483.3	30.1	5.9	6.5	7.1
1978	531.4	506.5	24.9	4.7	5.4	6.1
1979	543.0	517.1	25.8	4.8	5.9	5.8
1980	554.7	523.4	31.4	5.7	8.4	7.1
1981	562.4	519.1	43.3	7.7	9.6	7.6
1982	567.4	516.4	51.0	9.0	12.5	9.7
1983[c]	647.6	587.4	60.2	9.3	12.2	9.6
1984[c]	660.9	611.3	49.6	7.5	9.4	7.5

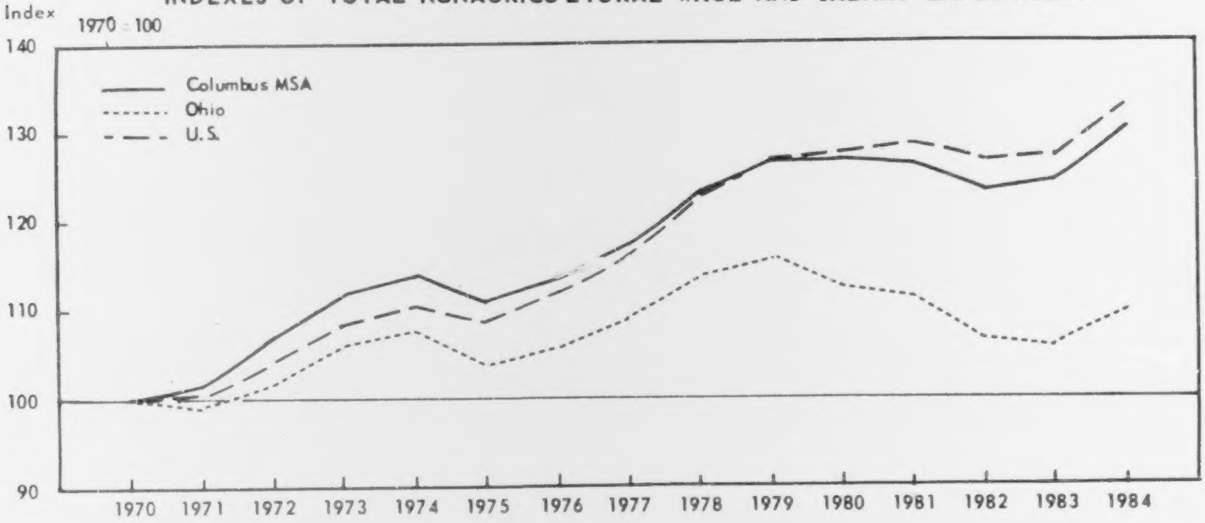
[a] These data are estimates based on place of residence. [b] Unemployment as percentage of civilian labor force. [c] Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE COLUMBUS METROPOLITAN STATISTICAL AREA
1979, 1983, AND 1984

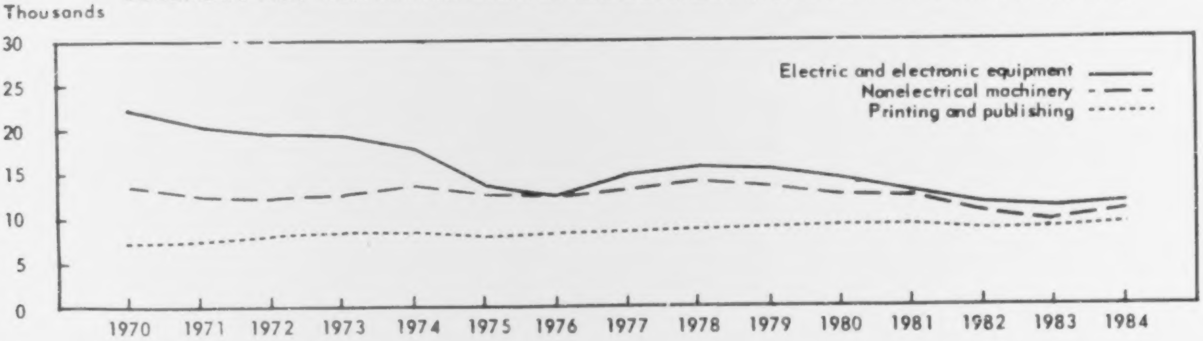
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979-1983	1983-1984	Columbus	Ohio
TOTAL	558.5	548.3	574.6	- 10.2	26.3	257.8	38.8
MANUFACTURING	117.8	98.7	104.5	- 19.1	5.8	30.4	16.7
Durable Goods	79.1	63.5	68.7	- 15.6	5.2	33.3	16.6
Fabricated metal products	13.0	9.9	10.5	- 3.1	.6	19.4	18.6
Machinery, except electrical	13.2	9.5	10.7	- 3.7	1.2	32.4	18.5
Electric and electronic equipment	15.5	11.1	11.7	- 4.4	.6	13.6	12.4
Nondurable Goods	38.7	35.2	35.8	- 3.5	.6	17.1	19.4
Food and kindred products	11.0	10.3	10.1	- .7	- .2	–	–
Printing and publishing	8.9	8.9	9.1	.0	.2	+	39.6
CONSTRUCTION	23.0	16.8	19.2	- 6.2	2.4	38.7	23.2
TRANSPORTATION AND PUBLIC UTILITIES	27.3	24.7	26.5	- 2.6	1.8	69.2	21.4
Communication, electric, gas services	11.7	11.7	12.1	.0	.4	+	+
WHOLESALE TRADE	28.8	29.0	30.8	.2	1.8	+	130.1
RETAIL TRADE	101.4	102.9	108.9	1.5	6.0	+	45.2
FINANCE, INSURANCE, AND REAL ESTATE	38.3	44.9	46.7	6.6	1.8	+	+
Insurance carriers	16.9	18.7	18.9	1.8	.2	+	66.7
SERVICES	108.7	119.6	126.9	10.9	7.3	+	+
GOVERNMENT	111.9	110.5	109.9	- 1.4	- .6	–	–
Federal government	14.6	14.3	14.6	- .3	.3	100.0	40.7
State government	48.8	48.8	48.5	.0	- .3	–	+
Local government	48.5	47.4	46.8	- 1.1	- .6	–	–

+ No downturn, 1979-1983
– No upturn, 1983-1984

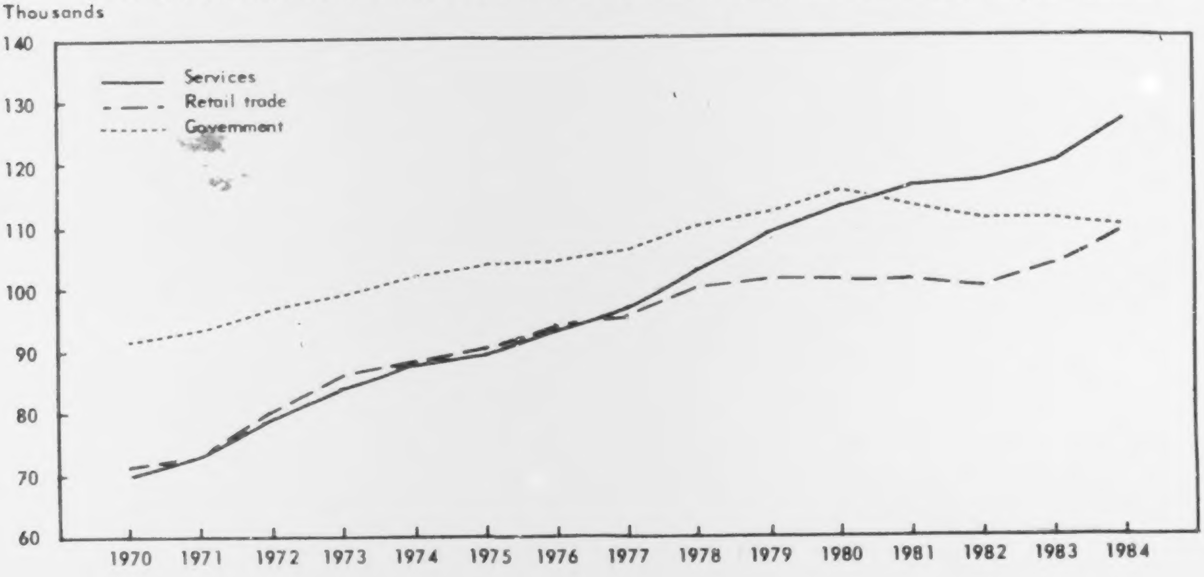
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

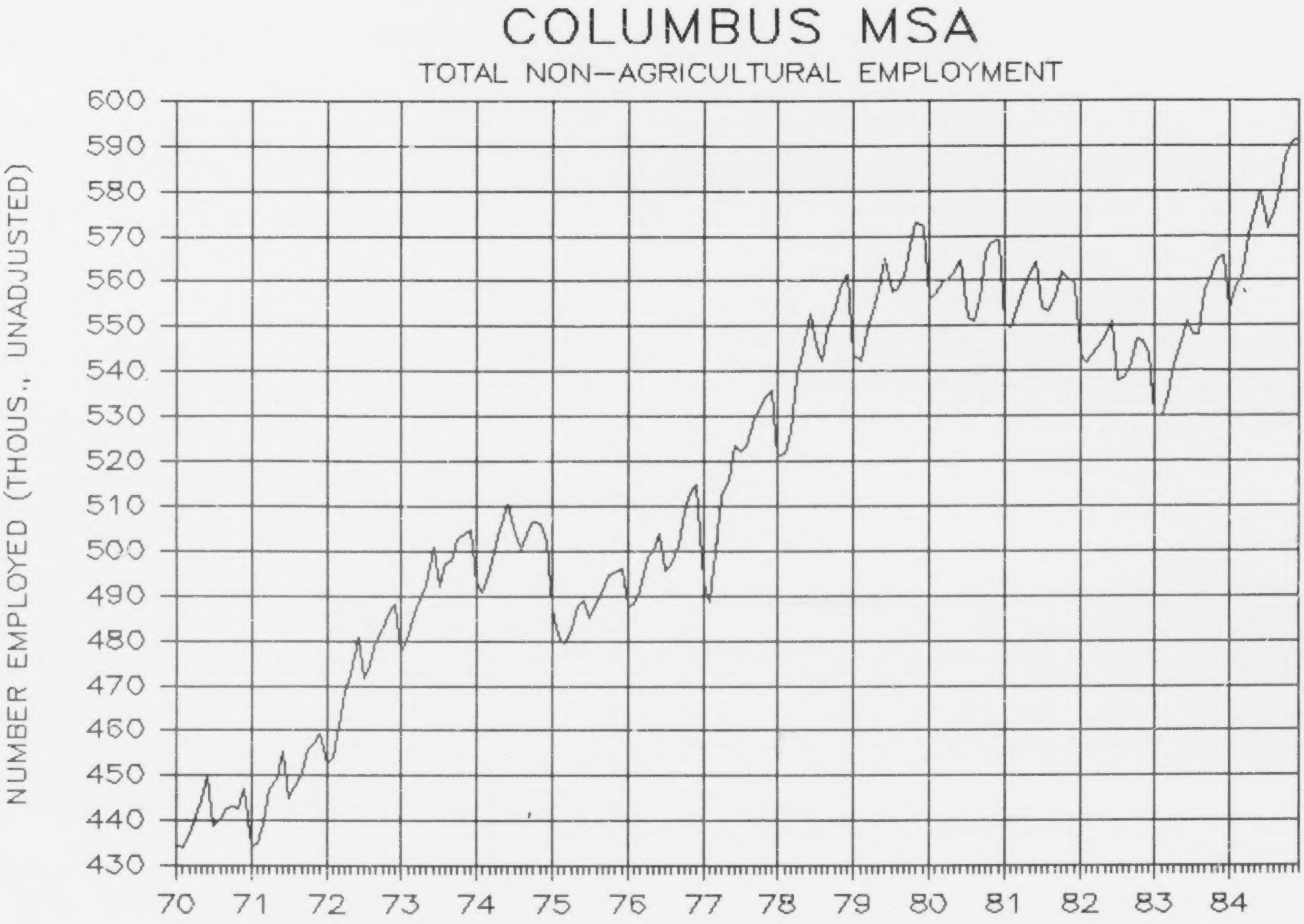


COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




COLUMBUS MSA
TOTAL NON-AGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUS., UNADJUSTED)
600
590
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	574.6	553.7	558.3	561.8	569.9	575.0	580.0	571.7	575.0	579.9	587.5	590.7	591.6
MANUFACTURING	104.5	101.5	102.2	102.9	104.0	104.3	105.2	104.6	105.3	106.1	105.8	106.1	106.0
Durable Goods[b]	68.7	66.2	66.8	67.4	68.5	68.5	69.2	68.8	69.3	70.0	69.7	70.0	70.1
Stone, clay, and glass products	12.3	12.0	12.1	12.2	12.3	12.4	12.5	12.3	12.3	12.6	12.7	12.4	12.3
Glass and glassware, pressed or blown.	5.2	5.1	5.2	5.3	5.2	5.3	5.3	5.2	5.2	5.3	5.3	5.2	5.2
Fabricated metal products	10.5	10.4	10.5	10.5	10.5	10.5	10.5	10.4	10.5	10.7	10.4	10.8	10.8
Fabricated structural metal products .	3.1	3.0	3.0	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2
Machinery, except electrical	10.7	10.2	10.4	10.4	10.6	10.8	10.9	11.0	11.0	11.0	10.7	10.7	10.7
Electric and electronic equipment	11.7	11.3	11.4	11.3	11.6	11.7	11.8	11.7	11.8	12.0	12.0	12.0	12.0
Transportation equipment	12.9	12.3	12.4	12.5	12.7	13.0	13.1	13.0	13.1	13.0	13.0	13.3	13.5
Instruments and related products	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	4.0	4.0	4.0	3.9
Nondurable Goods[c]	35.8	35.3	35.4	35.5	35.5	35.8	36.1	35.8	36.1	36.1	36.1	36.1	35.9
Food and kindred products	10.1	10.1	10.1	10.2	10.1	10.1	10.2	9.9	10.2	10.2	10.2	10.1	10.1
Printing and publishing	9.1	9.0	9.0	9.0	8.9	9.0	9.0	9.0	9.0	9.1	9.2	9.2	9.1
Chemicals and allied products	6.8	6.7	6.7	6.8	6.8	6.8	6.9	6.9	6.9	6.7	6.7	6.7	6.6
Rubber and misc. plastics products	5.0	4.8	4.8	4.8	4.9	5.0	5.2	5.1	5.2	5.2	5.2	5.1	5.1
NONMANUFACTURING[d]	470.1	452.2	456.1	458.9	465.9	470.7	474.8	467.2	469.6	473.8	481.8	484.6	485.7
CONSTRUCTION	19.2	16.0	16.0	16.1	17.7	18.9	20.0	20.8	21.2	21.1	21.1	20.9	20.1
TRANSPORTATION AND PUBLIC UTILITIES	26.5	25.4	25.8	25.8	25.9	26.2	26.2	26.7	27.0	27.3	27.4	27.2	27.5
Trucking and warehousing	10.6	9.5	9.9	9.9	9.9	10.1	10.2	10.6	11.0	11.3	11.4	11.4	11.7
Communication and electric, gas services	12.1	12.2	12.2	12.2	12.2	12.2	12.1	12.1	12.1	12.1	12.1	11.9	11.9
WHOLESALE TRADE	30.8	29.8	30.0	30.2	30.5	30.7	30.9	30.9	31.2	31.2	31.3	31.5	31.5
Wholesale trade durable goods	20.0	19.4	19.5	19.7	19.7	19.9	20.0	20.0	20.3	20.2	20.3	20.4	20.4
RETAIL TRADE	108.9	104.7	104.0	104.6	107.0	108.8	109.5	108.6	109.6	110.1	111.0	113.7	115.5
General merchandise stores	15.8	15.8	15.2	15.0	15.0	15.0	15.2	15.0	15.2	15.5	16.1	17.7	18.6
FINANCE, INSURANCE, AND REAL ESTATE	46.7	45.4	45.7	45.8	46.1	46.3	47.0	47.3	47.5	47.1	47.3	47.4	47.8
Banking	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.5	9.5	9.4	9.5
Insurance carriers	18.9	18.8	18.8	18.9	18.8	18.8	19.0	19.1	19.1	18.9	18.9	19.0	19.0
SERVICES	126.9	120.3	121.8	123.1	125.1	126.7	129.1	129.5	129.3	129.1	130.0	130.1	128.5
Business services	25.5	23.3	23.6	24.0	24.5	24.8	25.6	26.4	26.5	26.7	26.8	26.9	27.1
Health services	34.1	33.2	33.4	33.4	33.7	33.9	34.3	34.4	34.3	34.1	34.6	34.6	34.6
GOVERNMENT	109.9	109.5	111.8	112.2	112.5	112.0	110.8	102.1	102.6	106.8	112.3	112.8	113.7
Federal government	14.6	14.2	14.3	14.3	14.3	14.3	14.7	14.8	14.8	15.0	14.8	14.8	14.9
State government	48.5	47.6	50.0	50.2	50.1	49.4	50.2	44.2	44.9	45.3	49.7	49.8	50.6
State government education[f]	20.1	19.1	21.2	21.6	21.3	21.2	21.7	16.0	16.5	17.3	21.7	21.8	22.4
State government, except education ...	28.3	28.5	28.8	28.6	28.8	28.3	28.5	28.3	28.4	27.9	27.9	28.0	28.2
Local government	46.8	47.7	47.5	47.6	48.2	48.2	45.9	43.1	43.0	46.6	47.9	48.2	48.3
Local government education	27.1	28.2	28.2	28.3	28.7	28.7	25.6	22.4	22.9	27.1	28.3	28.6	28.6
Local government, except education ...	19.7	19.4	19.3	19.3	19.5	19.5	20.3	20.7	20.1	19.5	19.6	19.6	19.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-3-85 RS-790-1-5 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	548.5	530.1	530.1	534.4	541.6	546.6	551.2	548.5	548.2	558.1	561.9	565.5	565.6
MANUFACTURING	98.7	95.9	96.2	96.5	97.4	97.7	98.3	98.7	99.8	100.7	100.9	101.6	101.2
Durable Goods[b]	63.5	60.8	61.3	61.4	62.3	62.7	63.0	63.5	64.6	65.3	65.4	66.2	65.8
Stone, clay, and glass products	12.6	12.3	12.3	12.2	12.6	12.6	12.9	12.6	13.0	13.0	12.9	13.0	12.3
Glass and glassware, pressed or blown	5.6	5.7	5.9	5.9	5.8	5.8	5.8	5.4	5.6	5.7	5.6	5.6	4.9
Fabricated metal products	9.9	9.1	9.4	9.6	9.8	9.9	9.8	9.9	10.0	10.1	10.1	10.2	10.2
Fabricated structural metal products	3.1	3.2	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0
Machinery, except electrical	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Electric and electronic equipment	11.1	11.0	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3	11.4	11.5	11.3
Transportation equipment	10.9	9.8	10.0	10.1	10.4	10.6	10.9	11.2	11.3	11.6	11.6	11.9	12.1
Instruments and related products	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.0
Nondurable Goods[c]	35.2	35.1	34.9	35.1	35.0	35.0	35.4	35.2	35.2	35.5	35.6	35.4	35.3
Food and kindred products	10.3	10.3	10.3	10.5	10.5	10.3	10.4	10.2	10.3	10.3	10.2	10.1	10.2
Printing and publishing	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.9	8.9	8.8	9.1	9.0	9.1
Chemicals and allied products	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.7	6.7
Rubber and misc. plastics products	4.4	4.2	4.2	4.2	4.1	4.1	4.3	4.4	4.5	4.7	4.6	4.6	4.7
NONMANUFACTURING[d]	449.7	434.2	434.0	437.8	444.2	448.9	452.9	449.8	448.4	457.4	460.9	463.9	464.4
CONSTRUCTION	16.8	13.3	13.5	14.3	15.0	16.1	17.3	18.7	18.9	19.1	19.1	18.9	17.9
TRANSPORTATION AND PUBLIC UTILITIES	24.7	24.2	24.1	24.3	24.5	24.7	25.0	25.1	22.4	25.5	25.4	25.5	25.8
Trucking and warehousing	9.2	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.5	9.6	9.9
Communication, electric, gas services	11.7	11.9	11.9	11.9	11.9	11.9	12.0	11.9	9.7[e]	12.0	12.0	12.1	12.1
WHOLESALE TRADE	29.0	28.1	28.1	28.2	28.6	28.8	29.0	29.1	29.3	29.5	29.8	29.8	29.8
Wholesale trade—durable goods	18.7	18.1	18.0	18.1	18.3	18.4	18.6	18.7	18.9	19.1	19.3	19.3	19.3
RETAIL TRADE	102.9	98.5	96.2	97.4	100.4	101.4	103.0	103.1	104.2	105.8	105.5	108.5	109.9
General merchandise stores	15.3	15.8	14.5	14.6	14.6	14.7	14.6	14.8	15.1	15.2	15.2	16.5	17.4
FINANCE, INSURANCE, AND REAL ESTATE	45.0	43.8	44.1	44.2	44.4	44.7	45.3	45.2	45.6	45.6	45.5	45.5	45.8
Banking	9.2	9.2	9.2	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.3	9.3	9.3
Insurance carriers	18.8	18.7	18.7	18.7	18.7	18.8	18.9	18.8	18.8	18.7	18.8	18.9	18.9
SERVICES	119.6	114.4	115.0	116.3	118.3	119.4	121.2	121.6	121.3	122.5	122.2	122.4	121.6
Business services	22.2	20.5	20.8	21.0	21.4	21.8	22.4	22.7	22.9	23.1	23.3	23.2	23.6
Health services	33.2	32.7	32.7	32.9	33.0	33.0	33.2	33.3	33.4	33.4	33.4	33.4	33.4
GOVERNMENT	110.5	110.5	111.8	112.1	112.0	111.7	111.0	106.4	105.5	108.0	111.9	112.3	112.6
Federal government	14.3	14.2	14.1	14.2	14.2	14.2	14.4	14.4	14.3	14.3	14.3	14.4	14.3
State government	48.8	49.2	50.1	50.3	50.5	49.8	49.4	45.2	44.8	45.9	49.9	50.0	50.5
State government education[f]	19.7	19.7	20.7	20.8	21.2	20.6	20.3	15.8	15.7	17.1	21.2	21.3	21.8
State government, except education	29.1	29.5	29.4	29.5	29.3	29.2	29.2	29.3	29.1	28.8	28.7	28.7	28.6
Local government	47.4	47.1	47.6	47.6	47.3	47.7	47.2	46.8	46.4	47.8	47.8	47.9	47.7
Local government education	26.8	27.7	28.2	27.9	27.3	27.3	26.1	22.6	22.3	27.2	28.1	28.4	28.3
Local government, except education	20.6	19.4	19.4	19.7	20.0	20.4	21.2	24.2	24.0	20.6	19.7	19.5	19.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-3-85 RS-790-1-5 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1970-1982[a]

(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	441.5	448.1	472.8	493.9	501.8	488.2	500.0	517.6	543.2	558.5	560.2	556.9	544.0
MANUFACTURING	116.4	111.9	115.0	120.7	119.4	106.6	108.1	113.6	117.0	117.8	112.6	109.1	101.0
Durable Goods[b]	82.9	78.3	79.8	83.5	82.1	71.8	72.9	77.3	79.5	79.1	73.8	71.1	64.9
Stone, clay, and glass products	13.4	13.8	14.6	15.2	15.2	13.9	14.6	14.9	15.0	14.5	14.1	13.7	12.8
Fabricated metal products	10.5	10.6	10.8	11.7	10.9	10.1	10.9	12.1	12.7	13.0	12.0	12.2	9.8
Machinery, except electrical	13.4	12.5	12.4	12.8	13.5	12.4	12.4	13.2	13.8	13.2	12.6	12.3	10.9
Electric and electronic equipment	22.4	20.3	19.5	19.2	17.9	13.9	12.8	14.8	15.6	15.5	14.5	13.0	11.9
Transportation equipment	9.8	8.3	9.1	9.6	9.7	9.0	9.8	9.3	8.5	8.7	8.6	8.7	9.5
Nondurable Goods[c]	33.5	33.6	35.2	37.2	37.3	34.8	35.2	36.4	37.5	38.7	38.8	38.0	36.1
Food and kindred products	9.5	10.0	10.5	11.5	11.8	11.5	11.1	11.2	10.9	11.0	11.2	11.1	10.6
Printing and publishing	7.1	7.4	7.7	8.1	8.1	7.9	8.0	8.3	8.6	8.9	9.2	9.1	8.8
Chemicals and allied products	5.8	5.6	5.9	6.2	6.4	6.2	6.3	6.5	6.8	7.0	7.2	7.1	7.0
Rubber and misc. plastics products						3.6	4.0	4.3	4.8	5.4	4.9	5.0	4.5
NONMANUFACTURING[d]	325.1	336.1	357.9	373.2	382.4	381.5	392.0	403.9	426.2	440.6	447.7	447.8	443.0
CONSTRUCTION	20.9	22.3	24.9	25.1	23.3	19.4	18.9	20.0	21.7	23.0	21.2	19.2	16.0
TRANSPORTATION AND PUBLIC UTILITIES	24.5	24.8	24.9	25.4	25.1	23.8	24.3	25.4	26.6	27.3	26.8	26.3	25.3
Communication, electric, gas services	10.7	10.9	10.9	11.1	11.3	11.1	10.8	11.0	11.5	11.7	11.9	12.4	12.3
WHOLESALE TRADE	19.4	20.0	21.4	22.7	23.5	23.3	24.3	26.0	27.8	28.8	28.5	28.5	29.4
RETAIL TRADE	70.9	73.0	79.9	85.7	88.2	89.7	93.8	94.9	99.8	101.4	101.0	101.0	100.3
FINANCE, INSURANCE, AND REAL ESTATE	25.9	27.3	29.3	30.7	31.6	31.5	32.2	33.2	35.7	38.3	40.1	41.8	43.5
Banking	5.3	5.5	5.7	6.0	6.3	6.4	6.5	6.6	7.1	8.0	8.4	8.7	9.0
Insurance carriers	12.5	12.6	13.0	13.5	14.0	14.0	14.0	14.5	15.8	16.9	17.6	18.1	18.6
SERVICES	69.9	73.4	79.1	83.9	87.5	88.9	93.4	97.3	103.4	108.7	113.2	116.2	117.4
GOVERNMENT	92.3	94.1	97.2	98.5	102.0	103.8	104.0	105.8	109.9	111.9	115.4	113.4	110.7
Federal government	16.2	15.9	16.1	16.2	16.5	16.0	15.2	15.0	14.8	14.6	14.7	14.5	14.5
State government	40.9	41.3	42.2	42.6	43.9	44.2	43.8	45.0	47.0	48.8	49.8	49.6	48.8
State government education[f]	18.9	19.1	18.9	17.9	17.8	18.1	18.0	18.2	18.7	19.5	20.1	19.6	19.0
State government, except education	22.0	22.2	23.3	24.7	26.1	26.1	25.7	26.8	28.3	29.3	29.8	30.0	29.7
Local government	35.3	37.0	38.9	39.7	41.6	43.6	45.1	45.8	48.2	48.5	50.8	49.3	47.5
Local government education	21.4	22.0	22.9	23.4	24.3	25.4	26.1	25.1	25.6	26.8	28.2	28.4	27.7
Local government, except education	13.9	15.0	15.9	16.4	17.3	18.2	18.9	20.6	22.6	21.7	22.6	20.9	19.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products, furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-28-85 RS-790-0-5

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.52	$10.48	$10.42	$10.44	$10.44	$10.46	$10.48	$10.40	$10.50	$10.55	$10.51	$10.71	$10.73
Durable Goods[b]	10.84	10.86	10.72	10.73	10.74	10.76	10.80	10.68	10.81	10.85	10.78	11.07	11.13
Stone, clay, and glass products	11.14	10.78	10.60	10.79	10.89	11.00	11.24	11.09	11.12	11.27	11.33	11.59	11.79
Glass and glassware, pressed or blown.	10.79	10.56	10.42	10.49	10.62	10.75	10.96	10.70	10.78	10.94	11.06	11.08	11.13
Fabricated metal products	11.88	12.41	12.16	12.16	11.89	11.85	11.90	11.81	11.76	11.59	11.43	11.75	11.78
Fabricated structural metal products .	9.74	9.99	9.92	9.77	9.71	9.84	9.73	9.70	9.58	9.57	9.61	9.92	9.53
Machinery, except electrical	9.91	10.02	9.87	9.79	9.88	9.96	10.01	9.86	9.89	9.88	9.81	9.97	10.01
Electric and electronic equipment	10.49	10.17	10.15	10.19	10.28	10.39	10.45	10.18	10.68	10.70	10.66	10.69	11.14
Transportation equipment	11.90	11.71	11.48	11.46	11.59	11.60	11.61	11.79	12.02	12.31	12.05	12.77	12.13
Instruments and related products	9.10	9.20	9.60	9.29	9.18	9.05	8.82	8.71	8.80	9.08	9.18	9.10	9.06
Nondurable Goods[c]	9.76	9.63	9.73	9.77	9.72	9.77	9.74	9.75	9.77	9.84	9.84	9.76	9.81
Food and kindred products	9.41	9.21	9.27	9.38	9.30	9.42	9.46	9.42	9.41	9.47	9.41	9.59	9.59
Printing and publishing	11.69	11.47	11.59	11.63	11.68	11.75	11.74	11.76	11.75	11.81	11.70	11.64	11.73
Chemicals and allied products	11.02	10.81	10.95	11.04	10.86	10.90	10.86	10.97	11.02	11.09	11.27	11.16	11.28
Rubber and misc. plastics products	7.69	7.73	7.66	7.67	7.73	7.68	7.65	7.57	7.65	7.61	7.81	7.69	7.76
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.68	12.41	12.40	12.39	12.49	12.67	12.78	12.77	13.01	12.94	12.87	12.80	12.66
WHOLESALE TRADE	7.61	7.43	7.40	7.72	7.70	7.61	7.61	7.72	7.59	7.70	7.62	7.62	7.63
RETAIL TRADE[d]	5.64	5.64	5.55	5.57	5.60	5.62	5.62	5.58	5.58	5.65	5.72	5.73	5.78
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-26-85 RS-790-4-5 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.5	40.9	40.1	40.4	40.2	40.1	40.3	40.0	40.4	40.3	40.1	41.2	41.7
Durable Goods[b]	40.8	41.5	40.5	40.7	40.7	40.6	40.5	40.3	40.9	40.5	40.3	41.6	41.8
Stone, clay, and glass products	40.0	39.1	38.2	39.0	39.5	39.6	40.0	38.7	40.2	40.4	40.0	41.8	43.8
Glass and glassware, pressed or blown	38.0	36.7	37.1	37.7	38.2	37.6	38.6	36.8	37.9	38.9	38.9	39.0	38.0
Fabricated metal products	40.4	43.3	42.1	40.4	40.3	40.2	40.0	40.4	40.3	39.1	39.0	39.8	40.4
Fabricated structural metal products	40.9	41.6	41.6	38.9	40.5	41.0	40.9	40.5	40.7	40.3	40.8	42.0	42.2
Machinery, except electrical	41.5	43.7	42.1	40.9	42.2	41.2	42.0	41.7	40.7	41.2	40.1	41.0	41.2
Electric and electronic equipment	41.3	40.9	40.8	40.7	41.0	41.3	41.0	40.6	41.6	41.9	40.9	40.8	43.3
Transportation equipment	43.1	43.3	41.8	44.6	42.1	42.2	41.5	42.3	44.8	42.7	42.7	47.0	42.7
Instruments and related products	38.2	39.0	38.2	39.8	37.9	38.3	36.5	36.2	36.0	37.4	39.3	40.0	39.7
Nondurable Goods[c]	39.7	39.5	39.3	39.6	39.0	39.1	39.6	39.3	39.2	39.7	39.7	40.6	41.2
Food and kindred products	37.3	36.5	37.6	37.4	36.3	36.3	38.3	37.1	37.0	37.1	37.1	38.0	39.1
Printing and publishing	39.1	37.8	37.8	38.0	38.4	38.6	38.1	39.2	38.7	39.4	39.6	41.1	41.4
Chemicals and allied products	41.7	42.3	42.3	42.9	42.0	41.6	41.0	40.4	39.6	41.5	42.0	42.0	43.0
Rubber and misc. plastics products	41.1	40.9	39.5	40.7	39.9	39.5	42.2	40.7	42.6	42.2	40.6	42.0	41.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.7	40.9	40.6	40.4	40.9	40.8	41.0	41.0	40.9	41.0	40.6	40.7	40.1
WHOLESALE TRADE	39.3	39.1	38.9	39.1	39.3	39.6	39.8	39.4	39.1	39.5	39.4	39.4	39.4
RETAIL TRADE	28.8	28.6	28.3	28.3	28.5	28.4	29.1	29.4	29.2	28.6	28.3	28.4	29.7
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-85 RS-790-3-5 (1984)

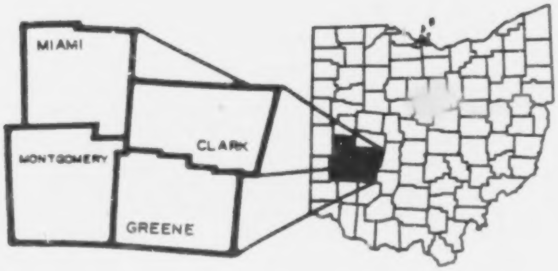
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$426.06	$428.63	$417.84	$421.78	$419.69	$419.45	$422.34	$416.00	$424.20	$425.17	$421.45	$441.25	$447.44
Durable Goods[b]	442.27	450.69	434.16	436.71	437.12	436.86	437.40	430.40	442.13	439.43	434.43	460.51	465.23
Stone, clay, and glass products	445.60	421.50	404.92	420.81	430.16	435.60	449.60	429.18	447.02	455.31	453.20	484.46	516.40
Glass and glassware, pressed or blown.	410.02	387.55	386.58	395.47	405.68	404.20	423.06	393.76	408.56	425.57	430.23	432.12	422.94
Fabricated metal products	479.95	537.35	511.94	491.26	479.17	476.37	476.00	477.12	473.93	453.17	445.77	467.65	475.91
Fabricated structural metal products .	398.37	415.58	412.67	380.05	395.26	403.44	397.96	392.85	389.91	385.67	392.09	416.64	402.17
Machinery, except electrical	411.27	437.87	415.53	400.41	416.94	410.35	420.42	411.16	402.52	407.06	393.38	408.77	412.41
Electric and electronic equipment	433.24	415.95	414.12	414.73	421.48	429.11	428.45	413.31	444.29	448.33	435.99	436.15	482.36
Transportation equipment	512.89	507.04	479.86	511.12	487.94	489.52	481.82	498.72	538.50	525.64	514.54	600.19	517.95
Instruments and related products	347.62	358.80	366.72	369.74	347.92	346.62	321.93	315.30	316.80	339.59	360.77	364.00	359.68
Nondurable Goods[c]	387.47	380.39	382.39	386.89	379.08	382.01	385.70	383.18	382.98	390.65	390.65	396.26	404.17
Food and kindred products	350.99	336.17	348.55	350.81	337.59	341.95	362.32	349.48	348.17	351.34	349.11	364.42	374.97
Printing and publishing	457.08	433.57	438.10	441.94	448.51	453.55	447.29	460.99	454.73	465.31	463.32	478.40	485.62
Chemicals and allied products	459.53	457.26	463.19	471.62	456.12	453.44	445.26	443.19	436.39	460.24	473.34	468.72	485.04
Rubber and misc. plastics products	316.06	316.16	302.57	312.17	308.43	303.36	322.83	308.10	325.89	321.14	317.09	322.98	325.14
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	516.08	507.57	503.44	500.56	510.84	516.94	523.98	523.57	532.11	530.54	522.52	520.96	507.67
WHOLESALE TRADE	299.07	290.51	287.86	301.85	302.61	301.36	302.88	304.17	296.77	304.15	300.23	300.23	300.62
RETAIL TRADE[d]	162.43	161.39	157.07	157.63	159.60	159.61	163.54	164.05	162.94	161.59	161.88	162.73	171.67
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	242.24	240.27	243.65	242.53	242.64	242.03	242.37	245.01	243.61	241.41	241.37	238.11	243.66

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan statistical area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products, leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-5 (1984)

DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA

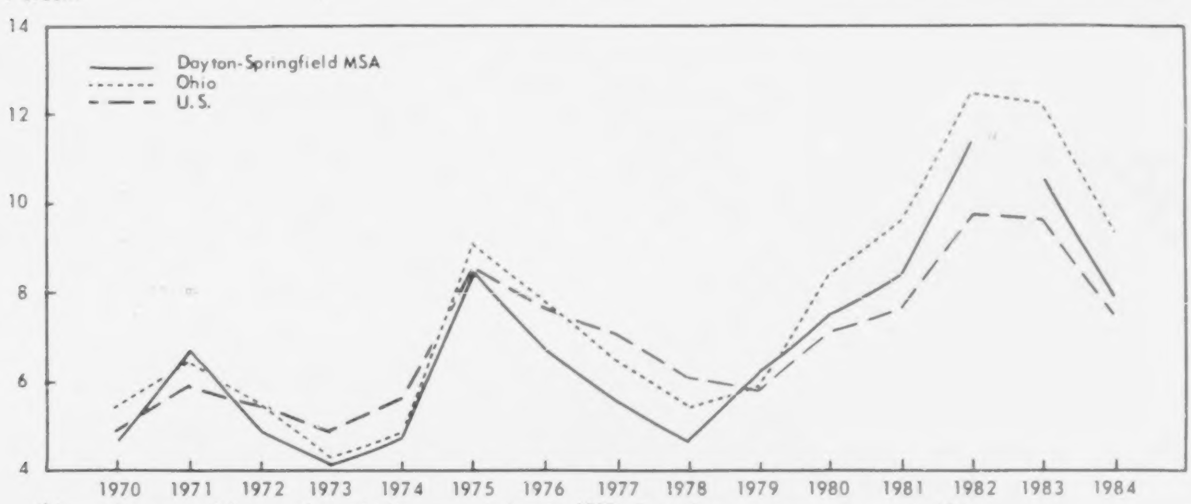


In the Dayton-Springfield MSA, the estimated annual average civilian labor force, based on place of residence, edged upward 6,100 from 1983 to 444,500 in 1984. Employment rose 17,300 over the year, while unemployment dropped 11,200 to a 1984 total of 35,300. The unemployment rate declined from 10.6 percent in 1983 to 7.9 percent in 1984 (see table, top of page 75).

From 1979 to 1983, manufacturing employment in the Dayton-Springfield metropolitan area declined 22.0 percent. Plant closings in electric and electronic equipment resulted in a 52.4 percent drop in that industry. Significant declines also occurred in nonelectrical machinery, retail trade, construction, and rubber and miscellaneous plastics products. Employment increased during the period in services, wholesale trade, and finance, insurance, and real estate.

Total nonagricultural wage and salary employment in the Dayton-Springfield area rose 5.2 percent, from 372,300 in 1983 to 391,600 in 1984. Improvements were reported in virtually every nonfarm industry. Highest recovery rates occurred in transportation equipment, retail trade, transportation and public utilities, and nonelectrical machinery (see table, bottom of page 75).

DAYTON-SPRINGFIELD MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



[1] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Dayton-Springfield	Ohio	U.S.
1970	353.9	337.4	16.5	4.7	5.4	4.9
1971	349.5	326.1	23.3	6.7	6.5	5.9
1972	353.5	336.2	17.3	4.9	5.5	5.6
1973	358.0	343.5	14.5	4.1	4.3	4.9
1974	359.5	342.5	17.0	4.7	4.8	5.6
1975	357.6	327.7	29.9	8.4	9.1	8.5
1976	360.5	336.3	24.2	6.7	7.8	7.7
1977	368.6	348.3	20.3	5.5	6.5	7.1
1978	381.1	363.7	17.3	4.6	5.4	6.1
1979	392.2	367.9	24.2	6.2	5.9	5.8
1980	390.2	361.0	29.2	7.5	8.4	7.1
1981	390.8	357.9	32.8	8.4	9.6	7.6
1982	391.8	347.1	44.7	11.4	12.5	9.7
1983[c]	438.4	391.9	46.5	10.6	12.2	9.6
1984[c]	444.5	409.2	35.3	7.9	9.4	7.5

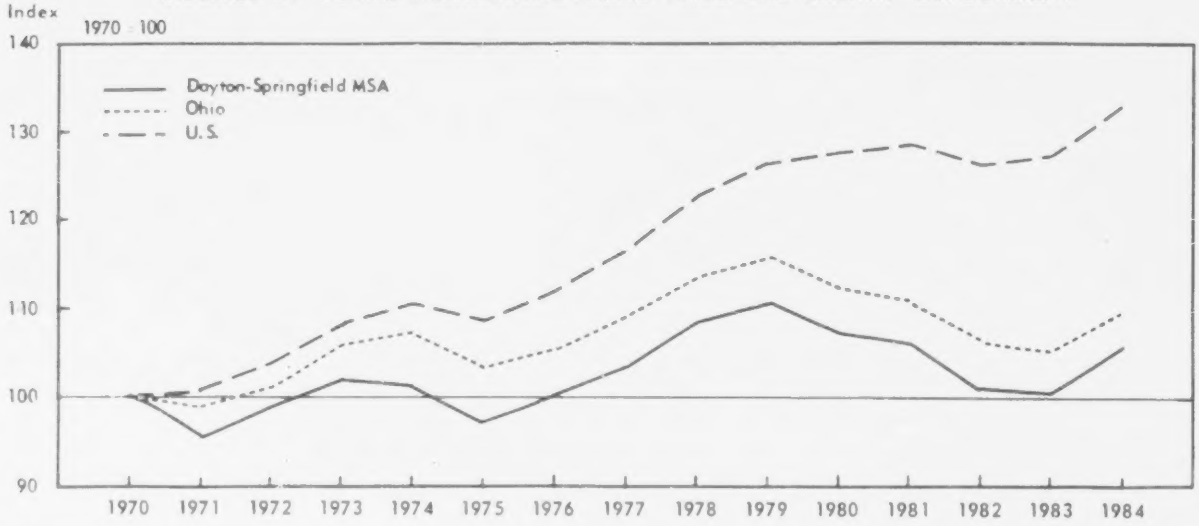
[a] These data are estimates based on place of residence. [b] Unemployment as percentage of civilian labor force. [c] Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA
1979, 1983, AND 1984

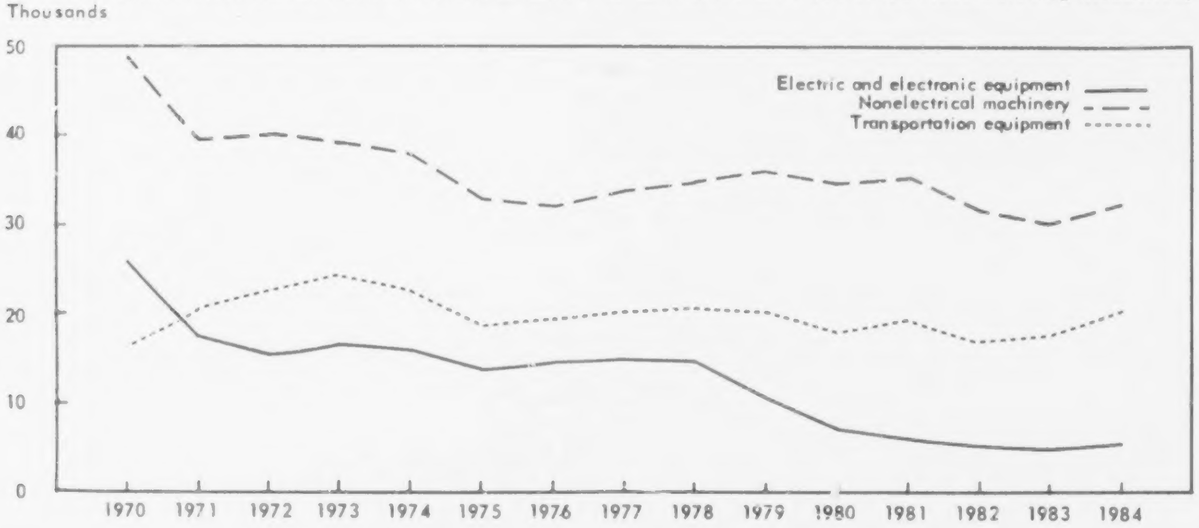
Industry	Employment (in thousands) 1979	1983	1984	Employment Change 1979-1983	1983-1984	Percent Recovery Dayton-Springfield	Ohio
TOTAL	408.8	372.3	391.6	- 36.5	19.3	52.9	34.8
MANUFACTURING	122.5	95.5	103.4	- 27.0	7.9	29.3	18.7
Durable Goods	86.2	68.7	74.9	- 17.5	6.2	35.4	18.8
Machinery, except electrical	35.9	30.0	32.1	- 5.9	2.1	35.6	18.5
Electric and electronic equipment	10.5	5.0	5.4	- 5.5	.4	7.3	12.4
Electrical industrial apparatus	4.7	2.9	3.0	- 1.8	.1	5.6	2.4
Transportation equipment	20.1	17.7	20.2	- 2.4	2.5	104.2	34.2
Nondurable Goods	36.3	26.8	28.5	- 9.5	1.7	17.9	18.4
Printing and publishing	10.2	7.7	8.0	- 2.5	.3	12.0	24.6
Rubber and misc. plastics products	12.2	7.7	8.3	- 4.5	.6	13.3	34.6
CONSTRUCTION	15.8	10.6	12.3	- 5.2	1.7	32.7	23.0
TRANSPORTATION AND PUBLIC UTILITIES	16.3	13.9	15.1	- 2.4	1.2	50.0	21.4
WHOLESALE TRADE	16.6	17.5	18.2	.9	.7	+	30.1
RETAIL TRADE	68.4	63.1	66.4	- 5.3	3.3	62.3	35.0
FINANCE, INSURANCE, AND REAL ESTATE	15.6	15.9	16.1	.2	.3	+	+
SERVICES	79.5	84.7	88.7	5.2	4.0	+	+
GOVERNMENT	73.6	70.8	71.1	- 2.8	.3	10.7	-

+ No downturn, 1979-1983
- No upturn, 1983-1984

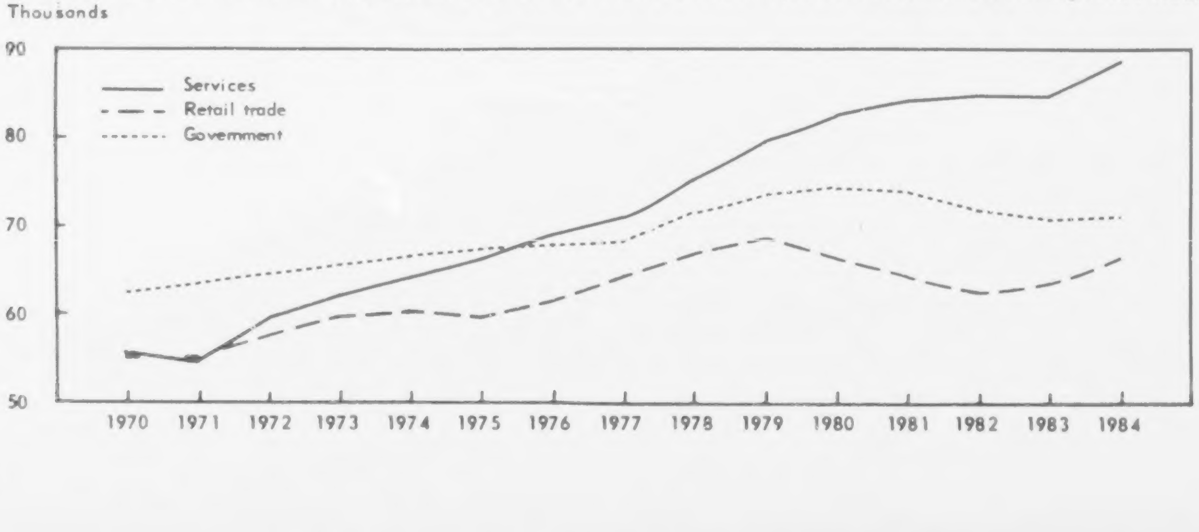
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

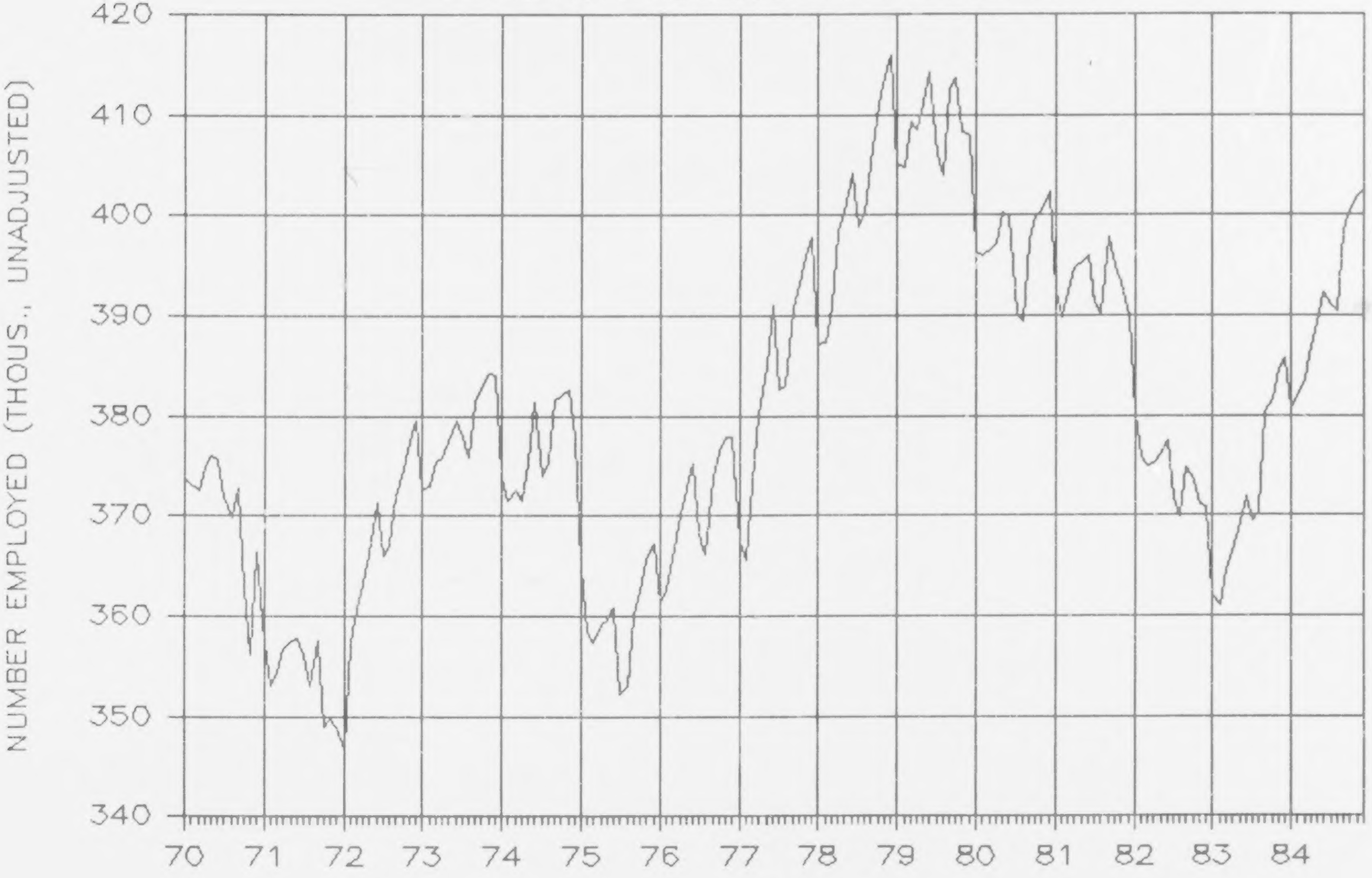


DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



DAYTON—SPRINGFIELD MSA

TOTAL NON—AGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	391.6	380.5	381.7	383.6	386.9	389.2	392.3	391.0	390.4	398.5	400.4	401.9	402.5
MANUFACTURING	103.4	100.5	100.8	101.9	102.5	102.8	103.9	103.8	103.8	105.2	105.0	105.4	105.4
Durable Goods[b]	74.9	72.7	73.0	73.8	74.3	74.5	75.4	75.3	75.3	76.3	76.1	76.4	76.3
Fabricated metal products	7.9	7.6	7.6	7.7	7.8	7.9	8.0	8.0	7.9	8.0	8.0	8.0	8.0
Machinery, except electrical	32.1	31.4	31.5	31.7	31.9	32.0	32.3	32.0	32.0	32.3	32.3	32.7	32.8
Metalworking machinery	6.5	6.1	6.2	6.2	6.3	6.4	6.5	6.4	6.5	6.7	6.7	6.8	6.8
General industrial machinery	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Electric and electronic equipment	5.4	5.2	5.2	5.3	5.3	5.3	5.5	5.5	5.5	5.6	5.6	5.6	5.5
Electrical industrial apparatus	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.0
Transportation equipment	20.2	19.6	19.5	20.0	20.1	20.1	20.2	20.3	20.2	20.7	20.5	20.5	20.7
Nondurable Goods[c]	28.5	27.8	27.8	28.2	28.2	28.3	28.5	28.5	28.6	28.9	28.9	29.0	29.1
Food and kindred products	2.8	2.8	2.7	2.8	2.8	2.7	2.8	2.8	2.8	2.9	2.9	3.1	3.1
Paper and allied products	5.6	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.8
Printing and publishing	8.0	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.1	8.2	8.2
Rubber and misc. plastics products	8.5	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.7	8.5	8.4	8.5
NONMANUFACTURING[d]	288.2	280.0	280.9	281.6	284.4	286.4	288.5	287.2	286.6	293.3	295.4	296.5	297.1
CONSTRUCTION	12.3	9.7	9.6	9.6	10.7	11.8	12.8	13.7	13.8	13.9	14.2	14.0	13.5
TRANSPORTATION AND PUBLIC UTILITIES	15.1	14.7	14.7	14.9	14.8	15.1	15.3	15.2	15.2	15.4	15.5	15.4	15.5
Communication, electric, gas services	6.8	6.8	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.8	6.8	6.8	6.8
WHOLESALE TRADE	18.2	17.8	17.7	17.8	18.0	18.1	18.2	18.2	18.2	18.3	18.4	18.6	18.5
Wholesale trade durable goods	12.7	12.4	12.3	12.4	12.6	12.7	12.8	12.8	12.8	12.8	12.9	13.0	13.1
RETAIL TRADE	66.4	64.1	63.4	63.6	64.9	66.0	66.9	66.6	66.9	67.5	67.4	68.9	70.3
General merchandise stores	11.3	11.6	11.0	10.9	10.7	10.7	11.0	10.9	11.0	11.2	11.4	12.1	13.1
FINANCE, INSURANCE, AND REAL ESTATE	16.1	15.6	15.7	15.8	15.9	16.0	16.2	16.3	16.5	16.4	16.4	16.1	16.2
Banking	4.0	4.0	4.0	3.9	4.0	3.9	4.0	4.0	4.1	4.0	4.0	4.0	3.9
Credit agencies other than banks	4.1	3.9	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3
Insurance carriers	3.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.5	3.3	3.2	3.3
SERVICES	88.7	86.2	87.2	87.4	87.9	87.1	88.7	89.3	88.3	91.0	90.7	90.4	90.2
Business services	16.8	16.0	16.2	16.2	16.4	16.5	16.9	17.0	17.2	17.4	17.6	17.4	17.3
Educational services	6.5	6.6	7.3	7.3	6.9	5.5	5.4	5.2	4.7	7.3	7.3	7.2	7.1
GOVERNMENT	71.1	71.8	72.3	72.3	71.9	72.0	69.9	67.6	67.2	70.4	72.5	72.8	72.6
Federal government	26.6	26.7	26.7	26.8	26.2	26.1	26.7	26.9	26.9	26.7	26.4	26.4	26.5
State government	6.2	6.1	6.4	6.4	6.4	6.3	6.6	5.7	5.7	5.6	6.6	6.7	6.4
State government education	3.6	3.5	3.8	3.9	3.9	3.7	3.9	3.1	3.1	3.0	4.0	4.1	3.8
State government, except education	2.6	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	38.3	39.0	39.2	39.1	39.3	39.6	36.6	34.9	34.6	38.1	39.5	39.7	39.7
Local government education	23.5	24.5	24.8	24.6	24.7	24.8	21.4	19.6	19.4	23.2	24.8	25.0	25.0
Local government, except education	14.8	14.5	14.4	14.4	14.5	14.8	15.3	15.3	15.1	14.8	14.7	14.7	14.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products, leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-85 RS-790-1-6 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	372.3	362.0	361.1	364.6	366.4	369.3	371.9	369.5	370.3	380.4	381.6	384.7	385.6
MANUFACTURING	95.5	91.5	91.5	92.5	92.9	94.1	94.7	94.9	96.4	99.1	98.4	99.7	100.7
Durable Goods[b]	68.7	65.7	65.7	66.5	66.8	67.6	68.1	68.1	69.2	71.3	70.9	72.0	72.7
Fabricated metal products	7.2	6.9	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.6	7.5	7.6	7.6
Machinery, except electrical	30.0	29.6	29.5	29.8	29.8	29.8	29.7	29.1	29.6	30.6	30.4	30.8	31.3
Metalworking machinery	6.2	6.5	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0
General industrial machinery	3.0	2.9	2.9	2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Electric and electronic equipment	5.0	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.1	5.2	5.2
Electrical industrial apparatus	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0
Transportation equipment	17.7	16.2	16.3	16.6	16.6	17.2	17.5	17.9	18.2	18.8	18.9	19.2	19.3
Nondurable Goods[c]	26.8	25.7	25.7	25.9	26.2	26.4	26.6	26.9	27.2	27.8	27.5	27.7	28.0
Food and kindred products	2.8	2.7	2.7	2.7	2.8	2.7	2.7	2.7	2.9	3.0	2.8	2.8	2.9
Paper and allied products	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.1	5.2	5.3
Printing and publishing	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8
Rubber and misc. plastic products	7.7	6.9	7.0	7.2	7.3	7.5	7.6	7.9	7.9	8.2	[illegible]	8.3	8.5
NONMANUFACTURING[d]	276.8	270.5	269.6	272.2	273.4	275.2	277.1	274.5	273.9	281.3	283.3	285.0	[illegible]
CONSTRUCTION	10.6	8.6	8.2	8.7	9.3	10.0	10.9	11.7	12.3	12.3	12.3	12.1	11.4
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.5	13.4	13.4	13.7	13.8	14.1	14.1	12.8	14.2	14.6	14.6	14.7
Communication, electric, gas services	6.6	6.8	6.8	6.7	6.6	6.6	6.7	6.6	5.3[e]	6.6	6.9	6.9	6.9
WHOLESALE TRADE	17.5	17.1	17.1	17.2	17.3	17.3	17.4	17.5	17.7	17.7	17.8	17.9	18.0
Wholesale trade-durable goods	12.1	11.8	11.8	11.9	11.9	11.9	12.0	12.2	12.3	12.3	12.4	12.4	12.5
RETAIL TRADE	63.1	60.7	59.6	60.3	61.5	62.5	62.9	63.7	64.0	64.6	64.7	65.8	67.1
General merchandise stores	11.3	11.7	10.9	10.8	10.8	10.9	10.8	10.8	10.9	11.0	11.3	12.3	13.2
FINANCE, INSURANCE, AND REAL ESTATE	15.8	15.5	15.5	15.6	15.7	15.8	16.0	16.1	16.2	[illegible]	15.9	15.9	15.9
Banking	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1
Credit agencies other than banks	3.9	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0
Insurance carriers	3.1	3.2	.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2
SERVICES	84.7	82.8	83.2	84.0	83.8	83.2	84.5	84.6	84.6	86.7	86.2	86.6	85.9
Business services	15.1	13.9	14.0	14.3	14.5	14.8	15.1	15.3	15.6	15.8	15.8	15.8	15.8
Educational services	6.1	6.7	6.9	7.0	6.6	5.2	5.1	4.7	4.2	6.6	7.0	7.1	6.5
GOVERNMENT	70.8	72.0	73.5	72.7	71.9	72.4	71.2	66.5	66.0	69.5	71.4	71.8	71.7
Federal government	26.5	26.5	26.4	26.3	26.3	26.4	26.6	27.0	26.8	26.6	26.4	26.5	26.6
State government	6.0	6.0	6.2	6.2	6.3	6.1	6.4	5.6	5.6	5.4	6.2	6.1	6.4
State government education	3.5	3.4	3.6	3.6	3.7	3.5	3.7	3.0	2.9	2.9	3.7	3.6	3.9
State government, except education	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.6
Local government	38.2	39.5	39.9	40.2	39.4	39.9	38.2	33.9	33.6	37.5	38.8	39.2	38.7
Local government education	23.3	25.2	25.4	25.2	24.5	24.8	22.8	18.4	18.2	22.6	24.0	24.5	24.0
Local government, except education	14.9	14.3	14.5	15.0	14.8	15.1	15.4	15.5	15.4	14.9	14.8	14.7	14.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON -SPRINGFIELD METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	370.4	354.3	366.8	378.3	376.6	360.1	370.7	383.8	401.1	408.8	397.1	393.2	374.3
MANUFACTURING	144.6	128.8	129.8	133.7	128.1	112.5	116.3	121.8	125.0	122.5	110.9	109.9	97.3
Durable Goods[b]	107.7	93.9	95.6	98.9	94.5	81.1	83.0	87.0	89.1	86.2	77.3	78.4	69.9
Fabricated metal products	6.8	6.4	7.2	7.9	7.5	6.8	7.0	7.5	8.0	8.3	7.8	7.9	7.3
Machinery, except electrical	49.0	39.6	40.0	39.0	37.8	32.9	32.0	33.6	34.5	35.9	34.5	35.1	31.9
Metalworking machinery	6.5	5.2	5.7	6.4	7.0	6.1	6.1	7.0	7.4	7.7	7.9	7.6	6.9
Electric and electronic equipment	26.0	17.8	15.4	16.7	15.8	13.6	14.6	15.0	14.9	10.5	7.1	6.0	5.2
Electrical industrial apparatus	12.5	7.4	4.9	5.7	5.8	4.7	4.6	4.7	4.8	4.7	4.0	3.8	3.1
Transportation equipment	16.1	20.6	22.8	24.3	22.5	18.5	19.5	20.1	20.5	20.1	17.7	19.3	16.8
Nondurable Goods[c]	36.8	34.9	34.2	34.8	33.6	31.5	33.4	34.8	35.8	36.3	33.6	31.4	27.4
Food and kindred products	5.3	5.0	4.5	4.1	4.2	3.9	3.9	3.9	3.8	3.9	3.9	3.3	3.0
Paper and allied products	5.8	5.5	5.7	5.8	6.0	5.1	5.3	5.8	5.8	5.7	5.7	5.8	5.3
Printing and publishing	12.1	10.9	10.6	10.5	10.3	9.7	9.6	9.5	9.9	10.2	10.0	9.7	8.1
Rubber and misc. plastics products	10.1	10.1	9.8	10.5	9.4	9.2	10.6	11.6	12.2	12.2	9.9	9.0	7.5
NONMANUFACTURING[d]	225.8	225.5	237.0	244.6	248.5	247.5	254.4	262.0	276.2	286.3	286.2	283.3	277.0
CONSTRUCTION	13.5	13.3	15.1	15.2	14.8	12.5	12.8	14.2	15.0	15.8	14.7	13.0	10.4
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.7	15.0	15.3	15.1	14.1	14.5	14.7	15.7	16.3	15.6	14.8	14.4
Communication, electric, gas services	7.7	7.3	7.2	7.2	7.2	7.0	6.8	6.6	7.0	7.2	7.4	7.5	7.3
WHOLESALE TRADE	13.6	13.1	13.6	14.2	14.7	14.9	15.5	15.9	16.5	16.6	16.8	17.5	17.4
RETAIL TRADE	55.0	55.0	57.4	59.8	60.2	59.5	61.6	64.2	66.9	68.4	66.2	64.1	62.5
FINANCE, INSURANCE, AND REAL ESTATE	10.5	10.9	11.5	11.9	12.4	12.7	13.1	13.8	15.0	15.6	15.6	15.7	15.6
SERVICES	55.7	54.5	59.4	62.1	63.9	66.0	68.8	70.8	75.0	79.5	82.3	84.1	84.8
GOVERNMENT	62.4	63.4	64.5	65.6	66.9	67.4	67.7	67.9	71.6	73.6	74.6	73.8	71.7
Federal government	28.1	27.8	27.2	26.6	26.9	26.0	25.4	25.6	25.9	26.0	26.4	26.4	26.6
State government (includes education)	3.9	4.3	4.6	4.8	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.0	6.0
Local government	30.4	31.3	32.8	34.2	35.0	36.4	37.1	37.0	40.1	41.7	42.2	41.5	39.1
Local government education	19.7	20.1	21.2	22.0	21.9	22.1	22.6	22.4	25.0	26.4	26.5	26.1	24.7
Local government, except education	10.7	11.2	11.6	12.2	13.1	14.3	14.6	14.6	15.1	15.3	15.6	15.4	14.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-26-85 RS-790-0-6

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.21	$11.10	$11.00	$11.12	$11.13	$11.08	$11.14	$11.27	$11.24	$11.29	$11.13	$11.41	$11.74
Durable Goods[b]	11.33	11.17	11.04	11.17	11.19	11.15	11.20	11.36	11.34	11.44	11.25	11.59	11.88
Fabricated metal products	8.33	8.57	8.59	8.45	8.21	8.24	8.19	8.28	8.35	8.35	8.27	8.20	8.26
Machinery, except electrical	11.89	11.69	11.61	11.84	11.81	11.75	11.67	12.00	11.92	12.09	11.83	12.23	12.17
Metalworking machinery	11.16	11.02	10.93	11.05	10.98	10.97	10.95	11.08	11.08	11.30	11.28	11.62	11.59
General industrial machinery	10.06	10.23	10.16	10.36	10.04	9.95	10.14	10.13	10.14	9.74	9.62	9.89	10.14
Electric and electronic equipment	8.34	8.23	8.11	8.29	8.44	8.36	8.32	8.34	8.30	8.40	8.39	8.45	8.38
Electrical industrial apparatus	9.03	8.83	8.73	9.02	9.20	9.08	9.01	9.12	9.00	9.06	9.04	9.11	9.13
Transportation equipment	14.12	13.84	13.70	13.79	13.97	13.85	14.14	14.26	14.30	14.31	13.98	14.21	14.72
Nondurable Goods[c]	10.97	10.91	10.91	10.99	10.97	10.90	10.97	11.03	10.99	10.91	10.79	10.91	11.35
Food and kindred products	9.52	9.38	9.33	9.45	9.84	9.41	9.64	9.71	9.59	9.71	9.41	9.49	9.40
Paper and allied products	9.59	9.49	9.52	9.55	9.56	9.62	9.55	9.67	9.61	9.42	9.54	9.75	9.77
Printing and publishing	10.50	10.71	10.51	10.31	10.40	10.50	10.80	10.73	10.50	10.55	10.31	10.31	10.41
Rubber and misc. plastics products	13.35	13.11	13.13	13.38	13.33	13.08	13.17	13.29	13.39	13.30	13.23	13.34	14.36
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas service ...	12.44	12.18	12.20	12.13	12.30	12.30	12.47	12.40	12.67	12.62	12.56	12.72	12.70
WHOLESALE TRADE	8.94	8.73	8.75	8.82	8.90	8.92	9.01	8.97	8.96	9.06	8.98	9.06	9.09
RETAIL TRADE[d]	5.48	5.40	5.43	5.46	5.53	5.49	5.47	5.42	5.48	5.54	5.60	5.52	5.43

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-19-85 RS-790-4-6 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON—SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.9	43.5	42.7	42.9	42.9	42.2	42.3	42.8	42.3	43.1	42.7	43.2	44.1
Durable Goods[b]	43.2	44.0	42.9	43.1	43.1	42.5	42.5	43.3	42.7	43.5	42.4	43.6	44.7
Fabricated metal products	41.5	42.8	41.7	40.7	41.0	40.8	41.5	40.9	41.2	41.6	42.0	42.1	42.0
Machinery, except electrical	44.7	45.4	44.2	45.2	44.9	44.1	43.7	44.9	44.2	44.8	43.6	45.4	46.2
Metalworking machinery	45.9	47.0	45.3	45.4	44.7	45.3	45.0	45.3	45.4	45.8	44.7	48.1	48.8
General industrial machinery	41.9	44.9	44.0	43.4	43.5	40.1	40.1	42.7	41.9	39.3	38.3	39.9	42.5
Electric and electronic equipment	41.9	42.5	41.6	41.3	40.8	42.2	42.8	42.2	41.4	41.0	40.6	42.3	41.9
Electrical industrial apparatus	42.7	42.8	41.7	42.0	44.0	42.6	43.1	43.8	42.2	42.4	41.3	42.0	44.2
Transportation equipment	43.6	44.6	43.0	42.4	42.9	41.9	43.3	44.2	43.6	44.8	42.6	43.1	45.4
Nondurable Goods[c]	42.1	42.3	42.4	42.5	42.5	41.7	41.9	41.7	41.5	42.1	41.7	42.3	42.7
Food and kindred products	43.8	41.3	43.0	44.1	44.5	43.2	44.2	43.4	43.4	44.9	46.4	43.7	43.2
Paper and allied products	44.1	[illegible]	43.6	44.6	45.3	44.7	44.8	44.0	43.6	43.7	43.4	45.3	43.3
Printing and publishing	39.3	39.5	38.6	38.6	38.7	37.7	38.8	39.5	40.0	40.6	39.3	39.8	40.1
Rubber and misc. plastics products	42.9	44.0	44.4	44.0	43.5	42.1	42.4	42.2	41.7	42.3	41.7	42.5	43.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	40.2	40.6	40.4	40.5	40.3	39.9	40.6	40.4	40.2	40.2	40.0	40.0	39.9
WHOLESALE TRADE	41.9	41.9	41.3	41.3	41.7	41.8	42.1	42.9	42.5	41.4	41.7	42.1	42.3
RETAIL TRADE	28.9	28.6	28.4	28.8	29.0	29.2	29.3	29.4	28.9	28.9	28.4	28.4	29.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-17-85 RS-790-3-6 (1984)

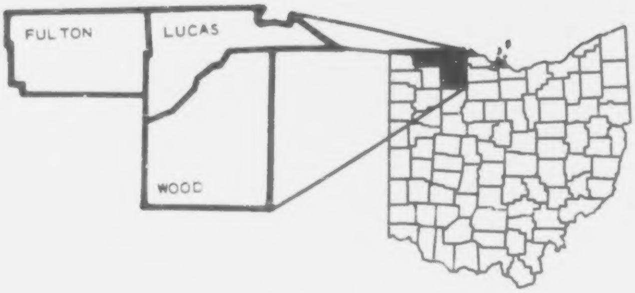
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$[illegible]	$482.85	$469.70	$477.05	$477.48	$467.98	$471.22	$482.36	$[illegible]	$486.60	$[illegible]	$492.91	$517.73
Durable Goods[b]	489.46	491.48	473.62	481.43	482.29	473.88	476.00	491.89	484.22	497.64	477.00	505.32	531.04
Fabricated metal products	345.70	366.80	350.20	341.92	336.61	336.19	339.89	338.65	344.02	347.36	347.34	345.22	346.92
Machinery, except electrical	531.48	531.73	513.16	535.17	530.27	518.18	509.98	538.80	526.86	541.63	515.79	555.24	562.25
Metalworking machinery	512.24	517.94	495.13	501.67	490.81	496.94	492.75	501.92	503.03	517.54	504.22	558.92	565.59
General industrial machinery	421.51	437.33	447.04	443.62	436.74	418.90	406.61	432.55	424.87	382.78	368.45	394.61	430.95
Electric and electronic equipment	343.45	343.78	337.38	343.38	361.25	354.79	356.10	351.95	343.62	344.40	340.63	357.44	351.12
Electrical industrial apparatus	385.58	377.02	384.04	376.84	404.80	386.81	388.33	399.46	379.80	384.14	373.35	382.62	403.55
Transportation equipment	615.63	617.24	580.10	584.70	599.31	580.32	612.26	630.29	623.48	641.09	595.55	612.45	668.29
Nondurable Goods[c]	461.04	461.43	462.58	467.08	466.23	454.33	459.64	459.35	456.09	459.31	449.94	461.49	484.65
Food and kindred products	416.88	397.33	401.19	416.75	437.88	406.51	426.99	421.41	416.21	435.98	436.62	414.71	406.08
Paper and allied products	[illegible]	411.87	415.07	425.93	433.07	430.01	427.84	425.48	419.00	411.65	414.04	441.68	423.04
Printing and publishing	412.15	423.05	405.69	397.97	402.48	395.85	413.04	425.84	420.00	418.33	405.18	410.34	417.44
Rubber and misc. plastics products	572.71	576.84	566.97	588.72	579.86	559.67	558.41	560.84	558.36	562.59	551.69	566.95	630.40
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	500.03	494.51	502.90	491.77	475.69	490.77	506.28	500.96	501.33	507.32	502.40	508.80	506.73
WHOLESALE TRADE	374.59	365.79	361.38	364.27	371.13	372.86	379.32	384.81	380.80	375.08	374.47	381.43	384.51
RETAIL TRADE[d]	158.37	154.44	154.21	157.25	160.37	160.31	160.27	159.35	158.37	160.11	159.04	156.77	160.19

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual—1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus [illegible] 4-10-85 RS-790[illegible] (1984)

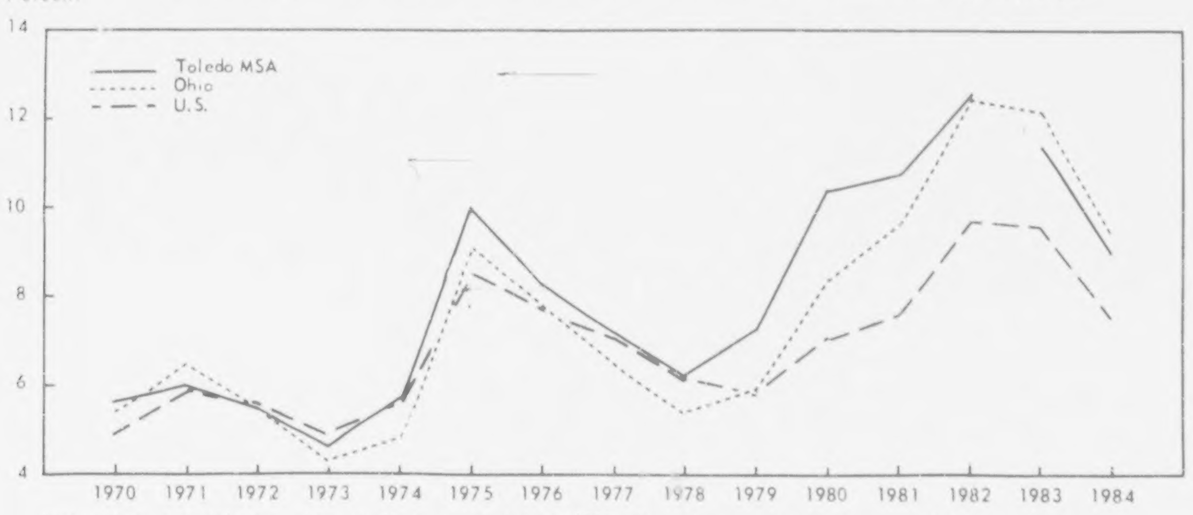
TOLEDO
METROPOLITAN STATISTICAL AREA



In the Toledo MSA, the estimated annual average civilian labor force, based on place of residence, edged upward 2,200 from 1983 to 291,300 in 1984. Employment increased 9,000 over the year, while unemployment dropped 6,800 to a 1984 total of 26,200. The unemployment rate declined from 11.4 percent in 1983 to 9.0 percent in 1984 (see table, top of page 85).

Nonagricultural wage and salary employment in the Toledo area had a 54.5 percent recovery rate in 1984, after losses of 8.7 percent between 1979 and 1983. During the economic downturn, manufacturing employment suffered the greatest losses, especially motor vehicles and equipment. That industry also made the biggest contribution to the recovery from 1983 to 1984. Services and finance, insurance, and real estate reported continued growth throughout the 1979-1984 period, while employment in stone, clay, and glass products continued to decline (see table, bottom of page 85).

TOLEDO MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

TOLEDO METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Toledo	Ohio	U.S.
1970	315.9	298.3	17.6	5.6	5.4	4.9
1971	319.5	300.4	19.1	6.0	6.5	5.9
1972	329.3	311.3	18.0	5.5	5.5	5.6
1973	340.0	324.3	15.7	4.6	4.3	4.9
1974	344.3	324.6	19.7	5.7	4.8	5.6
1975	345.8	311.2	34.7	10.0	9.1	8.5
1976	347.8	319.4	28.4	8.2	7.8	7.7
1977	355.0	329.4	25.6	7.2	6.5	7.1
1978	362.1	339.7	22.4	6.2	5.4	6.1
1979	368.2	341.7	26.4	7.2	5.9	5.8
1980	368.2	329.8	38.4	10.4	8.4	7.1
1981	367.4	328.0	39.4	10.7	9.6	7.6
1982	368.7	322.7	46.1	12.5	12.5	9.7
1983[c]	289.1	256.1	33.0	11.4	12.2	9.6
1984[c]	291.3	265.1	26.2	9.0	9.4	7.5

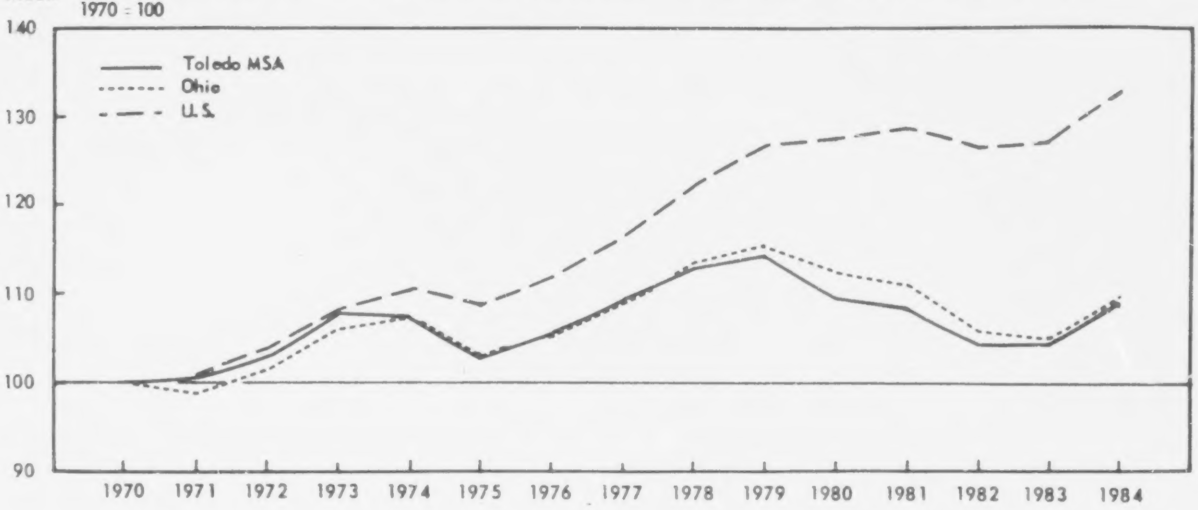
[a] These data are estimates based on place of residence. [b] Unemployment as percentage of civilian labor force. [c] Not comparable to previous years due to area redefinition (see page 104).

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE TOLEDO METROPOLITAN STATISTICAL AREA
1979, 1983, AND 1984

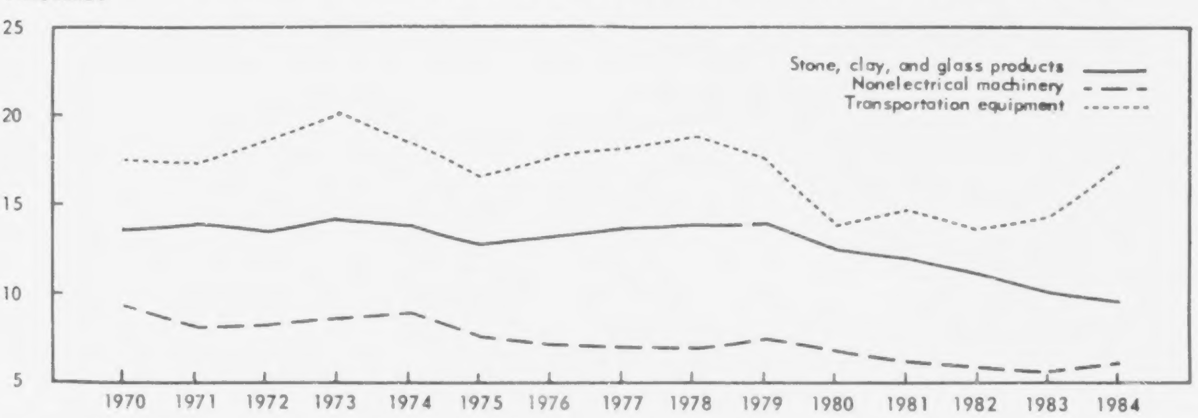
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979–1983	1983–1984	Toledo	Ohio
TOTAL	268.2	244.9	257.6	- 23.3	12.7	54.5	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	- [illegible]	5.2	[illegible]	[illegible]
Durable Goods	[illegible]	[illegible]	51.1	- [illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	- 3.7	- [illegible]	-	2.3
Transportation equipment	[illegible]	14.9	[illegible]	- 3.4	[illegible]	85.3	[illegible]
Motor vehicles and equipment	16.3	[illegible]	[illegible]	- 3.2	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	13.4	13.7	- [illegible]	.3	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	13.8	14.3	- [illegible]	.5	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	*	*
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	*	*
GOVERNMENT	[illegible]	[illegible]	[illegible]	- .4	.5	[illegible]	-

* No downturn, 1979–1983
- No upturn, 1983–1984

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



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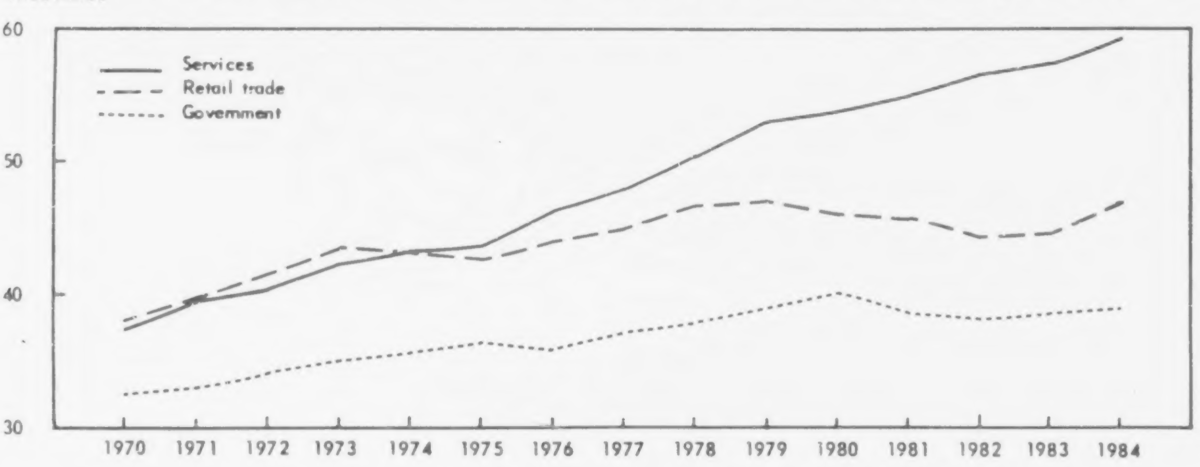
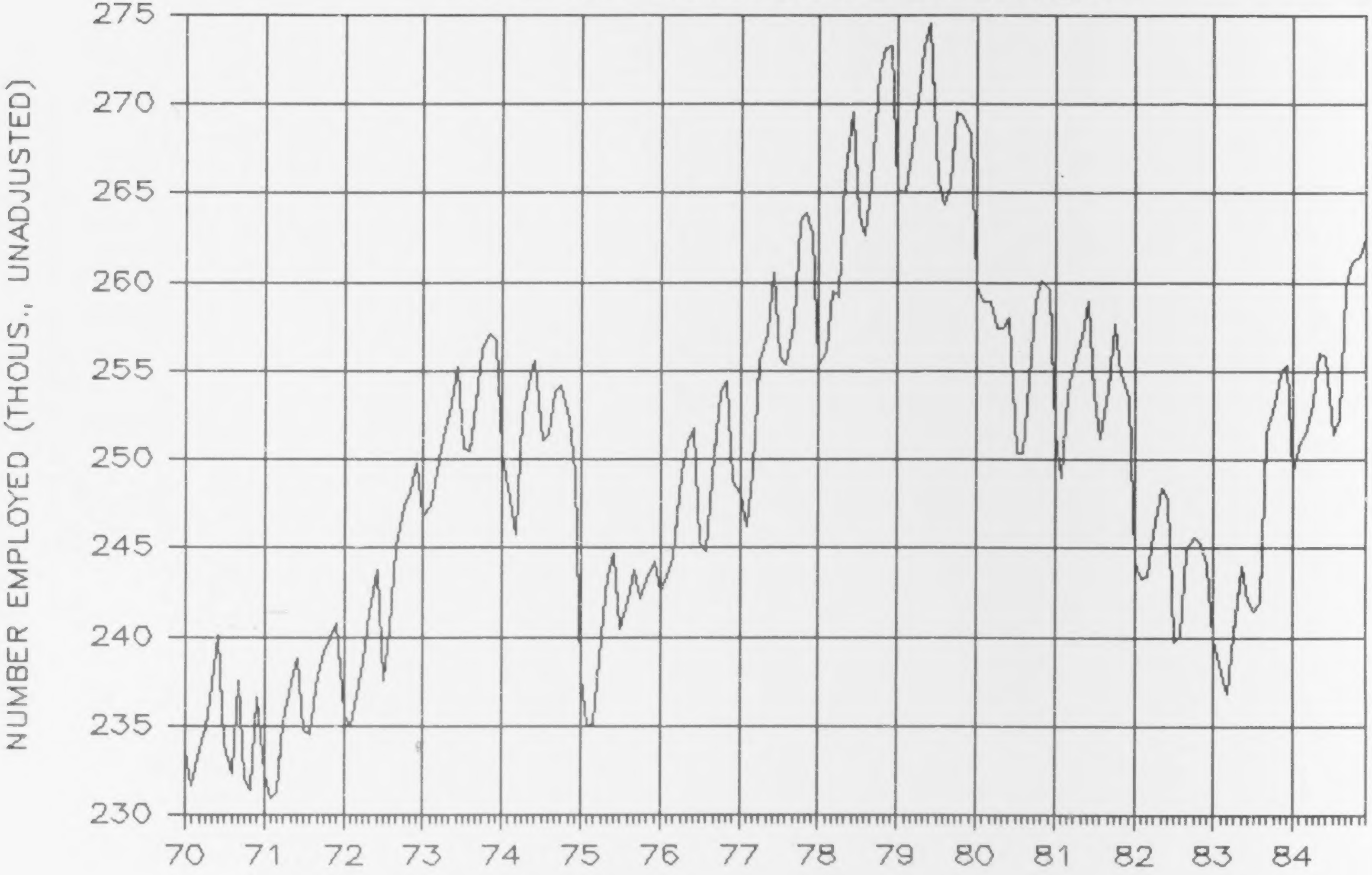




TOLEDO MSA

TOTAL NON-AGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	257.6	249.2	250.7	251.8	253.3	256.1	255.8	251.4	252.4	259.7	261.1	261.5	288.4
MANUFACTURING	64.8	64.1	64.3	64.3	64.0	64.3	64.8	64.3	65.2	66.4	65.6	65.0	65.1
Durable Goods[b]	51.1	50.5	50.7	50.7	50.8	50.9	51.4	51.1	51.3	51.7	51.6	51.4	51.4
Stone, clay, and glass products	9.5	9.7	9.7	9.7	9.5	9.5	9.5	9.4	9.5	9.6	9.6	9.5	9.4
Primary metal industries	3.4	3.3	3.3	3.4	3.3	3.3	3.4	3.5	3.3	3.6	3.6	3.7	3.6
Fabricated metal products	7.7	7.4	7.5	7.6	7.6	7.8	7.9	7.8	7.9	7.8	7.6	7.7	7.7
Metal forgings and stampings	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.6	3.7	3.7	3.6	3.6	3.6
Machinery, except electrical	6.1	6.0	6.1	6.2	6.2	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.2
Electric and electronic equipment	3.3	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3.1	3.2	3.3	3.3	3.3
Transportation equipment	17.2	17.1	17.1	16.9	17.0	16.9	17.3	17.2	17.3	17.4	17.4	17.2	17.4
Motor vehicles and equipment	16.0	15.8	15.9	15.7	15.8	15.7	16.1	16.0	16.1	16.2	16.2	16.0	16.2
Nondurable Goods[c]	13.7	13.6	13.6	13.6	13.2	13.4	13.4	13.3	13.8	14.8	14.0	13.6	13.7
Food and kindred products	3.7	3.6	3.5	3.4	3.4	3.5	3.6	3.5	4.1	4.4	3.7	3.5	3.6
Rubber and misc. plastics products	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.7	2.6	2.8	2.8	2.8	2.8
NONMANUFACTURING[d]	192.8	185.0	186.5	187.5	189.2	191.8	191.1	187.1	187.2	193.3	195.5	196.5	223.3
CONSTRUCTION	7.7	6.8	6.5	6.6	6.9	7.5	7.8	8.3	8.5	8.7	8.7	8.3	7.8
TRANSPORTATION AND PUBLIC UTILITIES	14.3	13.7	13.9	14.0	14.2	14.4	14.3	14.4	14.4	14.5	14.5	14.4	14.5
Trucking and warehousing	5.6	5.3	5.4	5.5	5.6	5.6	5.5	5.5	5.5	5.7	5.8	5.8	5.9
Communication, electric, gas services	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.0	5.0	4.9	4.9
WHOLESALE TRADE	15.2	14.5	14.6	14.9	15.0	15.1	15.4	15.4	15.3	15.5	15.6	15.7	15.9
Wholesale trade durable goods	10.4	9.7	9.9	10.2	10.2	10.3	10.5	10.5	10.5	10.5	10.6	10.6	10.8
RETAIL TRADE	47.1	45.6	45.1	45.3	45.8	47.0	47.4	47.0	47.4	47.5	47.6	48.9	50.0
General merchandise stores	7.2	7.4	6.8	6.7	6.7	6.9	7.0	7.1	7.1	7.2	7.3	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.9	9.6	9.6	9.6	9.6	9.8	9.8	9.9	10.0	10.1	10.1	10.1	10.3
Banking	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.5
SERVICES	59.3	56.5	56.5	56.8	57.2	57.4	57.6	57.4	57.5	57.5	57.4	57.4	83.1
Business services	9.7	9.1	9.1	9.2	9.4	9.5	9.8	10.0	10.1	10.2	10.2	10.2	10.1
Health services	24.0	24.0	24.0	24.1	24.1	24.0	24.2	23.9	23.9	23.8	24.0	23.9	23.9
GOVERNMENT	39.1	38.3	40.0	40.1	40.3	40.5	38.5	34.4	33.9	39.2	41.3	41.4	41.5
State government	13.9	13.2	14.9	[e]15.0	14.9	14.8	13.1	11.2	10.6	13.4	15.2	15.4	15.2
State government education	10.0	9.4	11.0	11.1	11.0	10.9	9.2	7.2	6.7	9.6	11.4	11.5	11.3
State government, except education	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.9	3.8	3.8
Local government	22.8	22.7	22.8	22.7	23.0	23.3	23.0	20.9	20.8	23.4	23.6	23.6	23.9
Local government education	12.8	13.1	13.2	13.3	13.3	13.3	12.5	10.2	10.3	13.2	13.6	13.6	14.0
Local government, except education	10.0	9.6	9.6	9.5	9.7	10.0	10.4	10.6	10.5	10.2	10.1	10.0	10.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-85 RS-790-1-7 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	245.0	240.0	238.0	236.9	240.2	244.0	242.0	241.6	241.9	251.6	253.2	255.0	255.4
MANUFACTURING	59.6	57.4	56.4	54.2	56.5	58.3	59.1	59.6	60.7	63.0	62.8	63.4	63.3
Durable Goods[b]	46.2	44.9	43.7	41.5[e]	43.6	45.3	45.8	46.2	47.0	48.3	48.9	49.7	49.6
Stone, clay, and glass products	10.1	10.4	10.3	10.1	10.2	10.1	10.2	10.1	10.1	10.0	9.9	9.8	9.8
Primary metal industries	3.0	2.7	2.8	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.3	3.3
Fabricated metal products	6.6	6.0	6.1	6.1	6.4	6.7	6.6	6.5	6.7	6.9	7.1	7.1	7.1
Metal forgings and stampings	3.1	2.8	2.9	2.9	3.0	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.6
Machinery, except electrical	5.5	5.7	5.7	4.0[e]	5.1	5.5	5.5	5.7	5.5	5.6	5.5	5.6	5.7
Electric and electronic equipment	3.2	3.4	2.2	2.2	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4
Transportation equipment	14.3	13.2	13.3	12.0	12.4	13.4	13.6	13.8	14.5	15.6	16.2	16.9	16.7
Motor vehicles and equipment	13.1	12.0	12.1	10.8	11.2	12.2	12.4	12.6	13.3	14.4	15.0	15.7	15.5
Nondurable Goods[c]	13.4	12.5	12.7	12.7	12.9	13.0	13.3	13.5	13.8	14.7	13.9	13.7	13.7
Food and kindred products	3.7	3.4	3.5	3.6	3.5	3.6	3.8	3.8	3.9	4.7	4.0	3.7	3.7
Rubber and misc. plastics products	2.3	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.5
NONMANUFACTURING[d]	185.4	182.6	181.6	182.8	183.7	185.7	182.9	182.0	181.2	188.6	190.4	191.6	192.1
CONSTRUCTION	7.3	6.6	6.7	6.4	6.4	6.9	7.4	8.0	8.0	8.2	8.3	8.2	7.5
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.5	13.4	13.5	13.7	13.9	14.0	14.0	13.2	14.1	14.1	14.2	14.3
Trucking and warehousing	5.2	4.8	4.9	4.3	5.0	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6
Communication, electric, gas services	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.1[e]	5.0	5.0	5.0	5.0
WHOLESALE TRADE	13.9	13.3	13.2	13.3	13.5	13.6	13.8	14.0	14.2	14.2	14.3	14.4	14.5
Wholesale trade—durable goods	9.1	8.6	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.7
RETAIL TRADE	44.6	43.3	42.1	42.4	43.2	43.8	43.8	44.5	45.2	45.6	45.9	47.0	48.2
General merchandise stores	6.8	6.6	6.1	6.1	6.2	6.2	6.3	6.4	6.8	7.1	7.2	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.2	9.2	9.3	9.4	9.5	9.6	9.5	9.6	9.6	9.6	9.5	9.6
Banking	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	57.5	57.2	57.2	57.5	57.4	57.7	57.7	57.6	57.6	58.1	57.9	57.4	57.0
Business services	8.7	8.5	8.4	8.5	8.3	8.5	8.5	9.0	9.1	9.1	8.9	8.8	8.8
Health services	24.2	24.1	24.1	24.1	24.0	24.1	24.3	24.2	24.3	24.3	24.3	24.3	24.2
GOVERNMENT	38.6	39.2	40.0	40.1	39.8	40.0	36.3	34.0	33.3	38.7	40.1	40.7	40.7
State government	13.6	14.0	14.5	14.5	14.6	14.4	11.3	11.1	10.7	13.5	14.8	14.8	14.9
State government education	9.7	10.0	10.6	10.6	10.7	10.5	7.3	7.1	6.7	9.6	10.9	11.0	11.0
State government, except education	3.9	4.0	3.9	4.0	4.0	3.9	4.0	4.0	4.0	4.0	3.9	3.8	3.9
Local government	22.6	22.9	23.1	23.2	22.8	23.2	22.6	20.5	20.3	22.8	22.9	23.4	23.3
Local government education	12.9	13.5	13.7	13.7	13.3	13.5	12.5	10.1	10.1	12.7	13.0	13.5	13.5
Local government, except education	9.8	9.4	9.4	9.4	9.5	9.7	10.1	10.3	10.2	10.1	9.9	9.8	9.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties, Ohio. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 edition." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Decreased due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-7-85 RS-790-1-7 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	234.6	236.1	241.7	252.2	251.6	241.0	248.3	256.3	264.7	268.2	257.0	254.2	244.4
MANUFACTURING	78.8	76.2	77.9	82.0	78.8	70.9	74.5	77.2	79.4	77.4	66.4	65.8	60.2
Durable Goods[b]	61.2	58.3	59.8	64.1	61.9	55.5	58.6	60.9	62.7	61.5	51.6	51.4	46.9
Stone, clay, and glass products	13.7	13.9	13.5	14.2	13.8	12.8	13.2	13.6	13.8	13.8	12.4	12.0	11.1
Primary metal industries	6.1	5.5	5.7	5.9	5.6	5.2	5.4	5.3	5.4	5.0	3.8	3.5	2.9
Fabricated metal products	7.2	6.3	6.3	7.2	7.1	6.0	7.3	8.3	9.0	8.9	6.9	6.8	6.2
Metal forgings and stampings	3.2	2.7	3.0	3.8	3.5	2.9	3.7	4.1	4.3	4.2	3.1	3.2	2.9
Machinery, except electrical	9.3	8.1	8.2	8.7	8.9	7.5	7.2	7.1	7.1	7.5	6.8	6.4	5.9
Transportation equipment	17.5	17.4	18.7	20.2	18.5	16.5	17.7	18.2	18.8	17.7	13.8	14.7	13.7
Motor vehicles and equipment	15.8	15.8	16.8	18.2	17.1	15.3	16.2	16.7	17.5	16.3	12.4	13.5	12.5
Nondurable Goods[c]	17.6	17.8	18.1	17.9	17.0	15.3	15.8	16.3	16.6	16.0	14.9	14.5	13.3
Food and kindred products	5.3	5.3	5.3	4.9	4.8	4.4	4.2	4.3	4.4	4.3	4.1	3.9	3.8
Rubber and misc. plastics products						2.3	2.6	2.8	3.0	2.9	2.3	2.4	2.1
NONMANUFACTURING[d]	155.8	159.9	163.8	170.2	172.7	170.1	173.9	179.1	185.3	190.8	190.6	188.4	184.2
CONSTRUCTION	9.7	9.4	9.7	10.6	10.8	9.6	9.3	9.6	10.1	10.3	10.5	9.5	7.4
TRANSPORTATION AND PUBLIC UTILITIES	17.2	17.2	16.9	17.0	16.9	15.2	16.0	16.7	17.2	17.7	16.5	15.6	14.4
Communication, electric, gas services	5.2	5.2	5.3	5.4	5.5	5.2	5.1	5.1	5.3	5.3	5.4	5.4	5.3
WHOLESALE TRADE	13.2	12.9	13.0	13.4	13.9	13.9	13.9	13.7	13.8	14.1	13.9	14.1	13.8
RETAIL TRADE	38.0	39.8	41.6	43.5	43.3	42.7	44.0	44.9	46.6	47.1	46.0	45.7	44.3
FINANCE, INSURANCE, AND REAL ESTATE	7.7	7.7	7.9	8.3	8.3	8.2	8.3	8.7	9.0	9.3	9.4	9.4	9.4
SERVICES	37.2	39.5	40.2	42.2	43.5	43.6	46.3	48.0	50.5	53.0	53.9	55.1	56.6
GOVERNMENT	32.5	33.1	34.2	35.0	35.6	36.5	35.8	37.2	37.9	39.0	40.2	38.7	38.1
State government (includes education)	9.3	10.5	10.7	10.9	11.4	11.6	11.6	12.0	12.1	12.7	13.5	13.4	13.8
Local government	20.3	19.9	20.8	21.3	21.5	22.2	21.6	[illegible]	23.3	23.8	24.1	22.9	22.1
Local government education	11.6	12.2	12.5	12.6	12.3	12.6	11.9	12.7	12.9	13.3	13.6	13.1	12.9
Local government, except education	8.7	7.7	8.2	8.7	9.2	9.7	9.7	10.0	10.4	10.6	10.5	9.7	9.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-85 RS-790-0-7

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.63	$11.42	$11.50	$11.56	$11.55	$11.54	$11.57	$11.53	$11.60	$11.66	$11.78	$11.87	$12.06
Durable goods[b]	12.13	11.90	12.02	12.07	12.10	12.10	12.06	11.98	12.01	12.20	12.26	12.39	12.56
Stone, clay, and glass products	11.96	12.05	12.03	12.01	12.05	12.05	11.94	11.91	11.79	11.85	12.01	11.86	11.90
Primary metal industries	10.33	10.33	10.28	10.26	10.37	10.28	10.19	10.19	10.30	10.58	10.63	10.54	10.70
Fabricated metal products	11.08	11.01	11.01	11.15	11.28	11.07	10.75	10.78	10.87	10.90	11.04	11.24	11.28
Metal forgings and stampings	12.42	11.92	11.84	12.31	12.54	12.40	12.44	12.42	12.50	12.43	12.56	12.93	12.82
Machinery, except electrical	10.63	10.55	10.54	10.54	10.68	10.60	10.61	10.71	10.51	10.70	10.72	10.74	10.63
Electric and electronic equipment	11.74	11.67	11.84	11.91	11.78	12.10	11.54	11.65	11.64	11.63	11.45	11.45	12.13
Transportation equipment	14.01	13.48	13.71	13.81	13.81	13.88	14.00	13.80	13.96	14.17	14.18	14.46	14.88
Motor vehicles and equipment	14.05	13.50	13.74	13.85	13.82	13.91	14.04	13.84	13.99	14.22	14.23	14.50	14.95
Nondurable goods[c]	9.71	9.66	9.53	9.60	9.42	9.33	9.57	9.71	9.98	9.84	10.08	10.01	10.01
Food and kindred products	10.67	10.70	10.63	10.73	10.59	10.31	10.82	10.99	10.86	10.25	10.77	10.79	10.67
Rubber and misc. plastics products	7.75	7.80	7.60	7.65	7.70	7.66	7.55	7.75	7.34	7.79	7.84	7.92	7.89
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.69	12.46	12.37	12.34	12.41	12.37	12.49	12.57	12.97	13.06	12.97	13.10	13.16
WHOLESALE TRADE	8.66	8.77	8.79	8.83	8.86	8.88	8.87	8.84	8.75	8.54	8.43	8.14	8.20
RETAIL TRADE[d]	5.45	5.53	5.47	5.47	5.48	5.31	5.39	5.33	5.41	5.45	5.49	5.51	5.58

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual–1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-19-85 RS-790-4-7 (1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	42.6	43.2	43.3	43.4	43.5	42.8	42.4	42.4	43.4	43.8	43.5	44.2
Durable Goods[b]	43.5	42.5	43.5	43.6	43.6	44.0	43.1	42.8	43.2	43.7	44.1	43.9	44.6
Stone, clay, and glass products	42.4	43.3	43.3	43.3	43.4	43.3	41.7	42.9	41.3	40.0	41.7	42.0	41.9
Primary metal industries	46.2	44.9	47.7	46.4	45.7	44.6	44.8	45.2	45.0	47.4	47.8	45.2	49.3
Fabricated metal products	42.6	41.7	42.4	42.7	44.3	43.3	43.1	40.6	43.3	41.3	42.7	42.6	43.0
Metal forgings and stampings	42.4	42.4	41.5	43.2	43.3	42.9	42.4	40.1	40.8	42.1	42.9	43.9	43.9
Machinery, except electrical	41.4	42.5	42.7	42.6	42.5	41.8	40.1	40.1	39.5	40.7	40.8	41.6	41.6
Electric and electronic equipment	41.6	40.7	41.8	41.7	40.5	42.4	40.3	41.4	41.7	42.4	43.5	40.0	43.4
Transportation equipment	45.0	42.5	44.1	44.5	44.2	45.3	44.9	44.3	44.4	46.2	46.3	46.1	46.9
Motor vehicles and equipment	45.0	42.4	44.0	44.5	44.2	45.3	45.0	44.3	44.4	46.4	46.5	46.2	47.0
Nondurable Goods[c]	41.8	43.1	41.9	41.9	42.1	41.8	41.2	40.8	39.6	42.4	42.6	41.9	42.4
Food and kindred products	41.7	41.6	41.8	43.0	41.1	41.3	43.3	42.1	40.2	42.8	41.2	41.5	40.6
Rubber and misc. plastics products	42.6	46.3	43.1	42.1	43.8	43.5	39.9	38.8	37.3	44.1	44.9	43.2	45.2
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	41.3	41.3	40.9	41.4	41.2	40.7	40.8	41.1	41.1	42.1	41.5	42.0	42.3
WHOLESALE TRADE	37.2	37.4	38.2	37.2	37.9	38.5	37.4	37.9	37.5	36.6	36.6	35.8	36.1
RETAIL TRADE	28.8	28.3	28.1	27.8	28.8	29.4	29.6	29.8	29.6	28.5	28.1	28.4	28.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-85 RS-790-3-7 (1984)

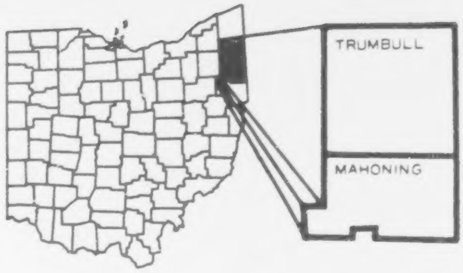
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$502.42	$486.49	$496.80	$500.55	$501.27	$501.99	$495.20	$488.87	$491.84	$506.04	$515.96	$516.35	$533.05
Durable Goods[b]	527.66	505.75	526.87	[illegible]	527.36	532.40	519.73	512.74	517.83	533.14	540.67	543.92	560.18
Stone, clay, and glass products	507.10	521.77	520.90	520.03	522.97	501.77	497.90	510.94	486.93	474.00	500.82	498.12	498.61
Primary metal industries	480.02	463.82	490.36	476.06	472.08	458.49	456.51	460.59	463.50	501.49	508.11	476.41	507.51
Fabricated metal products	469.88	459.17	466.82	476.11	499.70	479.33	463.33	437.67	470.67	450.17	471.41	478.82	485.04
Metal forgings and stampings	528.61	505.41	491.36	531.73	542.98	531.96	527.46	498.04	510.00	533.30	538.82	567.63	562.80
Machinery, except electrical	440.08	448.38	450.06	449.00	453.90	443.08	425.46	419.47	415.15	435.49	437.38	446.73	447.21
Electric and electronic equipment	488.38	474.97	494.91	496.65	477.03	513.04	465.06	482.31	485.39	493.11	498.08	498.00	526.44
Transportation equipment	630.45	572.90	604.61	614.59	610.43	638.76	628.60	611.34	619.82	654.65	656.53	666.61	647.87
Motor vehicles and equipment	632.25	572.40	604.56	616.33	613.84	636.13	631.80	613.11	621.16	659.81	661.70	669.90	702.65
Nondurable Goods[c]	408.71	416.35	399.31	402.24	398.58	389.89	394.28	396.17	395.21	417.22	429.41	419.42	424.42
Food and kindred products	444.94	445.12	444.33	461.39	435.25	425.69	468.51	462.68	436.57	438.70	443.72	447.79	433.20
Rubber and misc. plastics products	330.15	361.14	327.56	322.07	337.26	333.21	301.25	300.70	296.16	343.54	352.02	342.14	356.63
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	523.68	514.60	505.93	510.88	511.29	503.46	509.59	516.63	533.07	549.83	538.26	550.20	556.67
WHOLESALE TRADE	322.15	328.00	335.78	328.48	335.79	341.88	331.74	335.04	328.13	312.56	308.54	291.41	296.02
RETAIL TRADE[d]	156.96	156.50	153.71	152.07	157.82	156.11	159.54	158.83	160.14	155.33	154.27	156.48	161.26

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d]Money payments only, tips not included. [e]Low due to labor-management disputes during part of pay period. [f]Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-11-85 RS-7*-27(1984)

YOUNGSTOWN - WARREN
METROPOLITAN STATISTICAL AREA

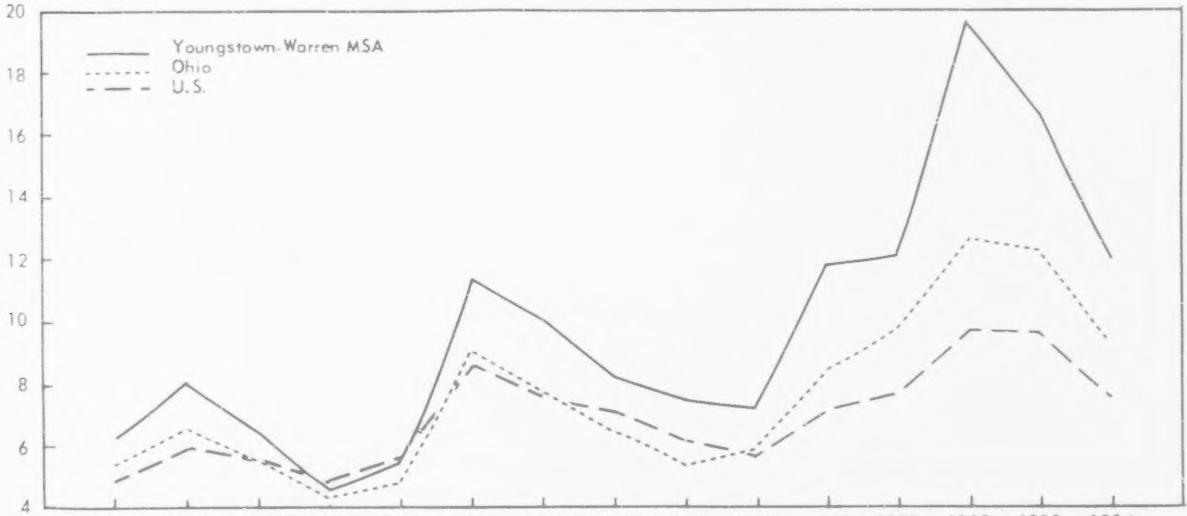


In the Youngstown-Warren MSA, the estimated annual average civilian labor force, based on place of residence, decreased 7,500 from 1983 to 218,100 in 1984. Employment rose 3,800 over the year, and unemployment dropped 11,200 to a 1984 total of 26,200. The unemployment rate fell from 16.6 percent in 1983 to 12.0 percent in 1984 (see table, top of page 95).

Manufacturing employment in the Youngstown-Warren area is concentrated in primary metals, transportation equipment, and fabricated metal products. Employment in blast furnace and basic steel products dropped 56.9 percent between 1979 and 1983. During the 1983-1984 recovery period, when employment was rebounding in nearly every sector, the decline continued in blast furnace and basic steel products in Youngstown-Warren (see table, bottom of page 95).

Total nonagricultural wage and salary employment in the area declined 17.1 percent during the recent economic downturns, from 213,900 in 1979 to 177,400 in 1983. However, during the 1983-1984 period, 4,900 of those lost jobs were regained. Greatest improvements were reported in retail trade, services, and construction.

YOUNGSTOWN-WARREN MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA[a] (Absolute data in thousands)

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Youngstown-Warren	Ohio	U.S.
1970	218.6	205.0	13.6	6.2	5.4	4.9
1971	225.1	207.1	18.0	8.0	6.5	5.9
1972	226.9	212.1	14.8	6.5	5.5	5.6
1973	232.5	221.8	10.8	4.6	4.3	4.9
1974	236.7	223.7	13.0	5.5	4.8	5.6
1975	236.7	209.8	26.9	11.4	9.1	8.5
1976	234.2	210.5	23.7	10.1	7.8	7.7
1977	234.0	215.0	19.0	8.1	6.5	7.1
1978	235.2	217.5	17.7	7.5	5.4	6.1
1979	237.1	219.9	17.1	7.2	5.9	5.8
1980	238.9	210.5	28.4	11.9	8.4	7.1
1981	234.0	205.7	28.2	12.1	9.6	7.6
1982	237.0	190.3	46.6	19.7	12.5	9.7
1983	225.6	188.1	37.4	16.6	12.2	9.6
1984	218.1	191.9	26.2	12.0	9.4	7.5

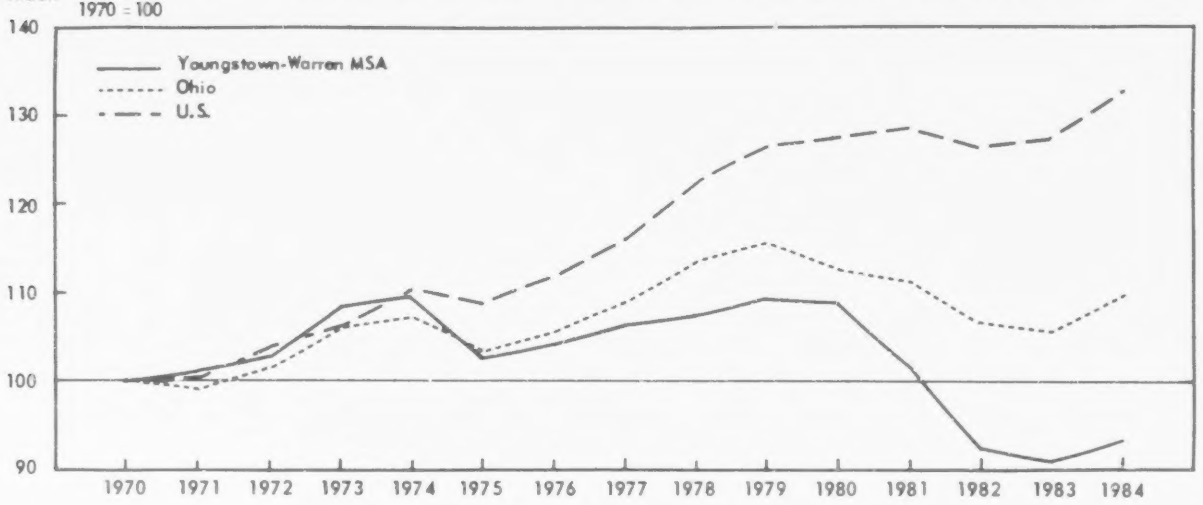
[a]These data are estimates based on place of residence. [b]Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES
IN THE YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA
1979, 1983, and 1984

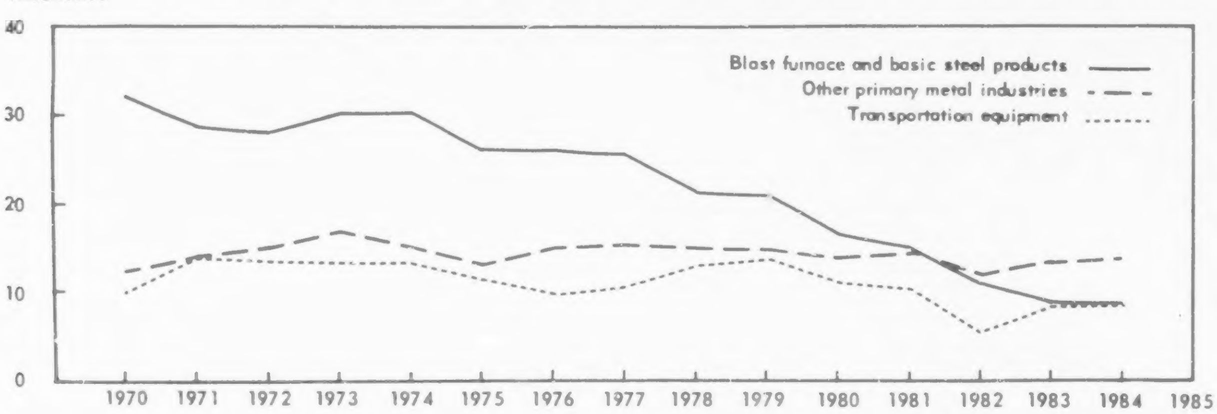
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1984	1979-1983	1983-1984	Youngstown-Warren	Ohio
TOTAL	213.9	177.4	182.3	- 36.5	4.9	13.4	[illegible]
MANUFACTURING	79.9	52.8	55.2	- 27.1	2.4	[illegible]	[illegible]
Durable Goods	73.9	47.7	49.9	- 26.2	2.2	8.4	[illegible].8
Primary metal industries	35.7	22.4	22.8	- 13.3	.4	3.[illegible]	[illegible]
Blast furnace and basic steel products	24.9	[illegible]	[illegible]	- [illegible]	- [illegible]	-	.2
Fabricated metal products	[illegible]	[illegible]	8.2	- [illegible]	.5	[illegible]	[illegible]
Transportation equipment	13.[illegible]	8.3	8.8	- 5.4	.5	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	5.3	- [illegible]	.3	[illegible]	[illegible]
CONSTRUCTION	7.0	4.8	5.5	- [illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	10.1	7.6	7.8	- [illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	8.1	7.7	8.2	- .4	.5	[illegible]	[illegible]
RETAIL TRADE	38.5	34.3	35.3	- [illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	.1	*	*
SERVICES	37.2	[illegible]	[illegible]	[illegible]	[illegible]	*	*
GOVERNMENT	[illegible]	[illegible]	[illegible]	- [illegible]	- [illegible]	-	-

* No downturn, 1979-1983
- No upturn, 1983-1984

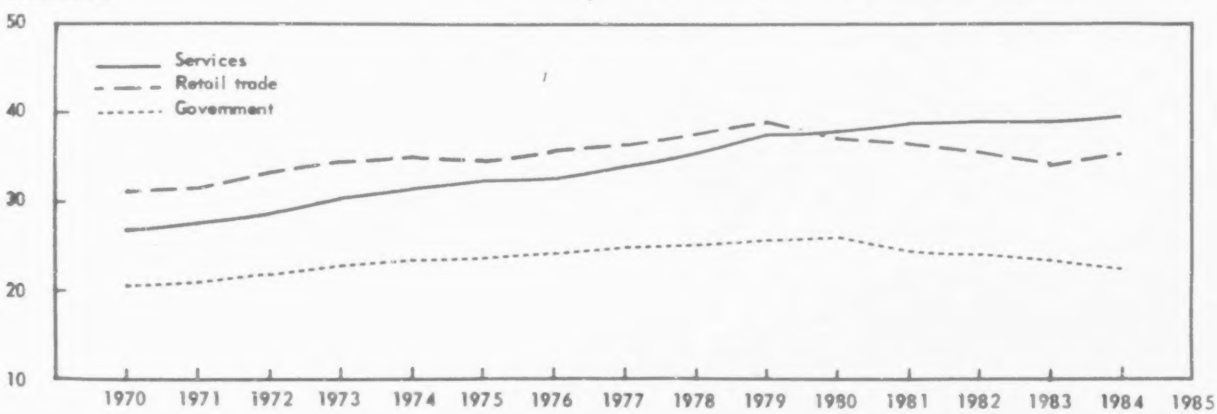
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

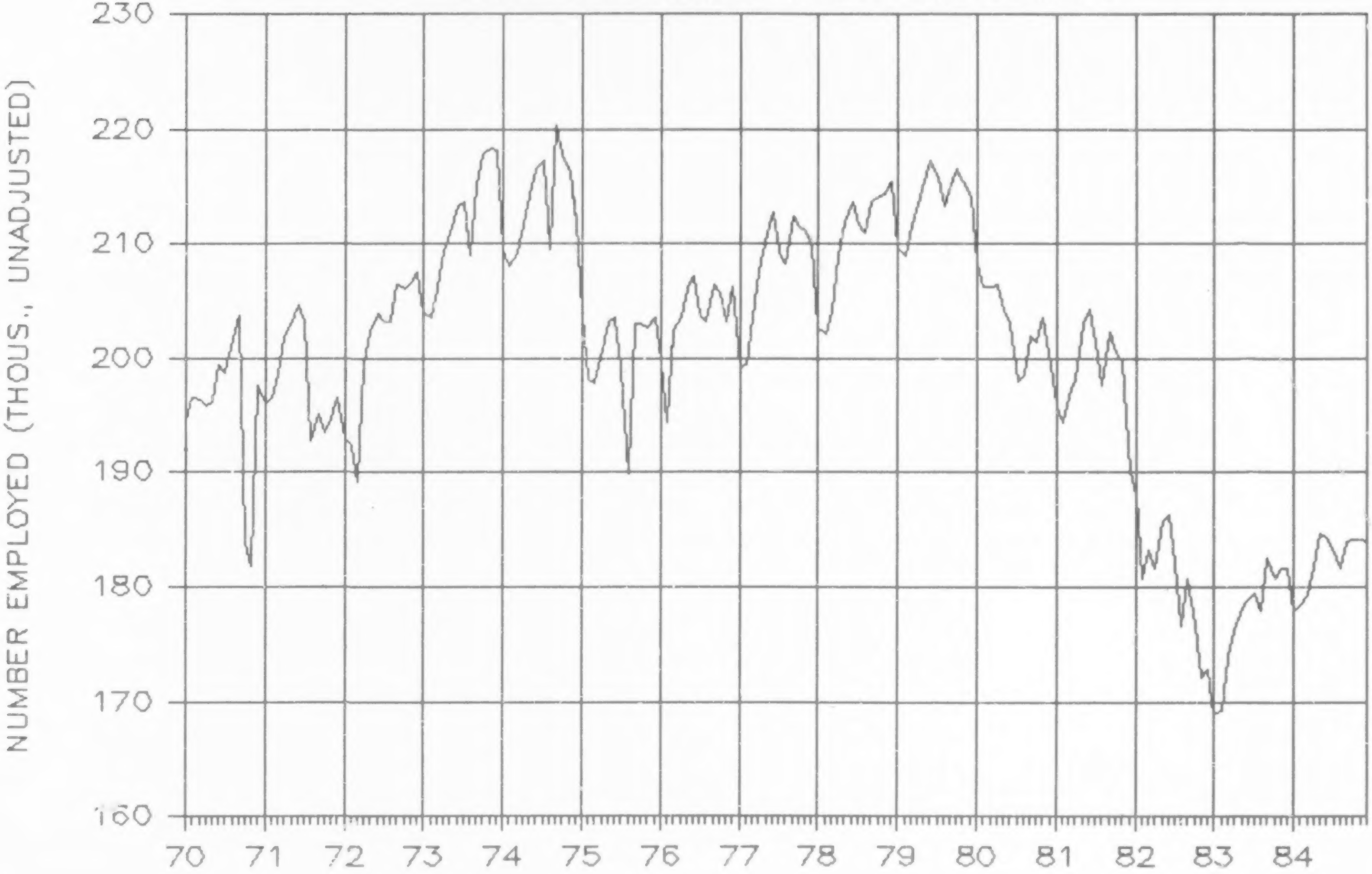


YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)





YOUNGSTOWN–WARREN MSA

TOTAL NON–AGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	182.3	177.9	178.4	179.4	181.9	184.6	184.3	183.0	181.6	184.0	184.2	184.2	184.0
MANUFACTURING	55.2	54.9	55.1	55.5	56.2	56.1	55.8	55.9	54.0	55.1	54.4	54.4	54.0
Durable Goods[b]	49.9	49.8	50.0	50.4	51.0	50.9	50.5	50.4	49.2	49.5	48.9	48.9	48.6
Primary metal industries	22.8	23.6	23.8	23.4	23.5	23.4	23.6	23.3	21.9	22.2	21.7	22.0	21.8
Blast furnace and basic steel products	8.9	9.6	9.8	9.5	9.6	9.5	9.6	9.3	8.1	8.0	7.7	7.9	7.6
Fabricated metal products	8.2	8.0	7.9	8.1	8.2	8.2	8.3	8.3	8.3	8.2	8.2	8.2	8.2
Machinery, except electrical	3.9	3.6	3.8	4.2	4.4	4.4	3.9	3.8	3.8	3.8	3.7	3.7	3.7
Electric and electronic equipment	2.7	2.6	2.6	2.7	2 7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8
Transportation equipment	8.8	8.8	8.8	8.8	8.7	8.8	8.7	8.7	8.8	8.7	8.8	8.7	8.8
Nondurable Goods[c]	5.3	5.1	5.1	5.2	5.2	5.2	5.3	5.5	5.6	5.6	5.5	5.5	5.3
NONMANUFACTURING[d]	127.1	123.0	123.3	123.9	125.7	128.5	128.5	127.1	126.8	128.9	129.8	129.8	130.1
CONSTRUCTION	5.5	4.2	4.2	4.2	4.8	5.4	6.0	6.4	6.4	6.4	6.5	6.1	5.6
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.6	7.6	7.7	7.8	7.9	7.8	7.7	7.8	7.9	7.9	7.7	7.8
Communication, electric, gas services ..	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1
WHOLESALE TRADE	8.2	7.8	7.8	8.0	8.0	8.1	8.3	8.4	8.4	8.4	8.4	8.4	8.4
Wholesale trade durable goods	5.4	5.2	5.2	5.3	5.3	5.4	5.5	5.6	5.5	5.5	5.5	5.5	5.5
RETAIL TRADE	35.3	34.5	33.9	34.2	34.8	35.3	35.7	35.6	35.7	35.7	35.5	35.9	36.6
General merchandise stores	5.9	6.2	5.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5 9	6.2	6.5
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.0	7.0	7.1	7.1	7.2	7.3	7.2	7.2	7.2	7.2	7.3	7.3
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
SERVICES	39.7	38.5	38.7	38.9	39.5	40.3	40.6	40.3	39.9	40.4	40.1	39.9	39.8
Health services	17.8	17.8	17.8	17.8	17.7	17.6	17.8	17.7	17.8	17.8	17.8	17.8	17.7
GOVERNMENT	22.8	22.8	23.3	23.3	23.1	23.6	22.1	20.8	20.9	22.2	23.4	23.9	24.0
State government	3.7	3.6	4.1	4.1	3.7	4.1	4.0	3.1	3.0	2.9	3.6	4.1	4.0
State government education	2.2	2.2	2.7	2.7	2.3	2.7	2.5	1.6	1.5	1.5	2.2	2.6	2.5
State government, except education ...	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.5
Local government	17.2	17.3	17.4	17.4	17.6	17.7	16.3	15.8	16.0	17.4	17.9	17.9	18.1
Local government education	10.7	11.0	11.2	11.1	11.2	11.2	9.5	9.1	9.2	10.7	11.3	11.4	11.4
Local government, except education ...	6.5	6.2	6.2	6.3	6.4	6.5	6.8	6.7	6.8	6.7	6.7	6.6	6.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d]Includes mining. [e]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-4-85 RS-790-1-8 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1983[1]
(In Thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	[illegible]	[illegible]	169.1	173.1	176.7	176.2	178.3	179.0	178.0	182.0	180.8	181.7	181.6
MANUFACTURING	52.0	[illegible]	46.7	[illegible]	50.0	52.0	53.2	53.6	53.4	54.9	54.3	54.9	54.6
Durable Goods[2]	47.3	43.	44.	45.2	47.7	47.9	48.2	48.8	48.2	49.1	49.0	49.7	49.5
Primary metal industries	22.4	[illegible]	[illegible]	21.9	22.1	22.1	22.2	22.5	23.0	23.1	23.1	23.3	23.5
Blast furnaces and basic steel products	[illegible]	7.4	8.3	9.1	9.4	9.0	8.8	9.1	9.6	9.2	9.2	9.3	9.6
Fabricated metal products	7.7	7.1	7.3	7.3	7.6	7.5	7.7	7.4	8.0	8.0	7.4	7.4	7.9
Machinery, except electrical	3.7	4.1	4.	3.9	3.8	3.8	3.8	3.8	3.5	3.5	3.3	3.4	3.4
Electrical and electronic equipment	2.4	2.7	2.2	2.6	2.0	[illegible]	2.0	2.0	2.1	2.6	2.6	2.6	2.6
Transportation equipment	8.7	5.4	8.	8.5	8.5	8.8	9.	9.0	8.	9.2	8.6	8.5	9.0
Nondurable Goods[3]	[illegible]	4.8	4.7	4.8	4.9	4.9	5.	5.0	5.2	5.3	5.3	5.3	5.1
NONMANUFACTURING[4]	124.	[illegible]	122.8	121.9	123.8	125.4	125.	125.	124.6	127.7	126.5	126.8	127.0
CONSTRUCTION	4.8	3.7	3.4	3.7	4.4	4.8	5.	5.5	5.7	5.7	5.1	5.4	4.8
TRANSPORTATION AND PUBLIC UTILITIES	7.4	[illegible]	7.3	7.4	7.5	7.6	7.7	7.6	7.1	7.8	7.8	7.7	7.9
Communication, electric, gas and sanitary services	3.3	3.3	3.1	3.4	3.3	3.3	3.3	3.3	2.8[5]	3.3	3.2	3.2	3.2
WHOLESALE TRADE	7.7	7.3	7.3	7.4	7.6	7.7	7.8	7.8	7.9	7.9	7.8	7.8	7.8
Wholesale trade–nondurable goods	5.1	4.9	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.3	5.2	5.2	5.2
RETAIL TRADE	34.3	33.1	32.8	33.	33.	34.2	34.5	34.7	34.0	34.9	34.9	35.6	36.4
Eating and drinking places	6.	5.3	5.	5.9	6.0	6.0	6.	6.	5.9	6.0	6.1	6.5	6.8
FINANCE, INSURANCE, AND REAL ESTATE	7.1	[illegible]	7.0	7.1	7.1	7.1	7.2	7.3	7.2	7.2	7.0	7.1	7.1
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5
SERVICES	38.3	37.	37.8	38.	38.9	38.3	39.3	39.1	39.6	40.6	39.1	38.7	38.8
Health services	17.6	17.5	17.5	17.5	17.5	17.4	17.5	17.0	17.6	17.6	17.8	17.6	17.7
GOVERNMENT	23.9	24.3	24.1	24.7	24.4	24.5	23.4	22.0	21.	23.0	23.6	23.8	23.7
State government	3.7	3.8	4.3	4.1	3.8	4.0	3.1	3.2	3.1	3.2	3.7	4.0	4.2
State government education	2.2	2.2	2.8	2.7	2.2	2.5	2.4	1.6	1.5	1.7	2.3	2.6	2.7
State government, except education	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.4	1.5
Local government	20.	20.2	[illegible]	19.8	18.5	18.5	17.6	17.0	16.7	17.9	18.0	18.0	17.6
Local government education	11.3	11.	10.	12.1	11.7	11.7	10.4	9.7	9.6	11.0	11.3	11.5	11.1
Local government, except education	6.8	6.8	6.7	6.7	6.8	6.8	7.2	7.2	7.1	6.9	6.7	6.5	6.5

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[1] Prepared in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1984 benchmark. Includes all full- and part-time wage and salaried workers employed [illegible] which include the 12th of the month. Excludes self-employed, domestics, and armed forces. [illegible] because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual, 1972." [2] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [3] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [4] Includes mining.
[5] [illegible]

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-28-85 RS-790-1.8 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1970-1982[a]
(in thousands)

Industry	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
TOTAL	195.5	198.1	201.1	211.6	213.5	200.7	203.5	208.0	210.3	213.9	203.1	198.7	180.6
MANUFACTURING	86.1	88.4	87.9	93.0	92.0	80.8	80.6	81.1	79.4	79.9	70.8	67.3	52.9
Durable Goods[b]	79.0	81.7	82.0	87.0	85.9	74.9	74.5	74.9	73.5	73.9	65.0	61.8	48.0
Primary metal industries	44.3	42.9	43.1	47.0	45.1	39.2	41.0	40.6	36.3	35.7	30.5	29.5	23.2
Blast furnace and basic steel products	32.0	28.7	28.1	30.1	30.1	26.0	26.0	25.4	21.5	20.9	16.6	15.2	11.2
Fabricated metal products	8.9	9.1	8.7	9.6	9.8	8.4	8.5	8.7	9.3	9.7	9.4	9.3	7.9
Machinery, except electrical	6.6	6.4	7.1	7.5	8.5	7.9	7.2	6.7	6.3	6.6	6.5	5.7	4.9
Electric and electronic equipment	3.6	3.9	3.9	3.8	3.6	3.2	3.3	3.3	3.2	3.4	3.2	3.0	2.8
Transportation equipment	10.0	14.1	13.5	13.4	13.4	11.4	9.8	10.4	13.2	13.7	11.2	10.5	5.8
Nondurable Goods[c]	7.0	6.7	6.0	6.1	6.1	5.8	6.1	6.1	5.9	6.0	5.8	5.5	4.9
NONMANUFACTURING[d]	109.5	109.7	113.2	118.5	121.5	120.0	122.9	126.9	130.9	133.9	132.3	131.4	127.7
CONSTRUCTION	8.4	7.0	7.2	7.8	7.4	6.5	6.6	7.4	7.4	7.0	6.6	6.4	5.3
TRANSPORTATION AND PUBLIC UTILITIES	9.9	10.1	9.9	10.3	10.8	9.5	9.6	9.9	10.1	10.1	9.6	9.2	8.2
Communication, electric, gas services	3.2	3.2	3.1	3.2	3.3	3.2	3.1	3.1	3.1	3.2	3.3	3.3	3.4
WHOLESALE TRADE	6.7	6.6	6.7	7.1	7.3	7.2	7.4	7.6	8.1	8.1	7.9	8.1	7.9
RETAIL TRADE	31.1	31.6	33.1	34.6	35.0	34.6	35.9	36.5	37.5	38.5	37.0	36.4	35.4
FINANCE, INSURANCE, AND REAL ESTATE	5.4	5.5	5.8	5.9	6.2	6.3	6.5	6.6	6.8	7.0	7.1	7.1	7.1
SERVICES	26.9	27.7	28.5	30.2	31.3	32.2	32.7	33.8	35.3	37.2	37.9	38.8	38.9
GOVERNMENT	20.7	20.9	21.7	22.5	23.3	23.4	24.0	24.8	25.1	25.6	25.8	24.6	24.0
Local government (includes education)	16.1	16.2	16.7	17.5	18.0	18.1	18.7	19.5	20.0	20.4	20.2	19.2	18.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1984 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-85 RS-790-0-8

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$12.84	$12.83	$12.60	$13.01	$12.79	$12.80	$12.82	$13.06	$12.62	$12.84	$12.81	$12.75	$13.10
Durable Goods[b]	13.14	13.10	12.88	13.32	13.09	13.07	13.10	13.37	12.96	13.16	13.13	13.06	13.42
Primary metal industries	13.70	13.28	13.44	13.58	13.54	13.54	13.66	13.95	13.92	13.85	13.84	13.86	14.02
Blast furnace and basic steel products	13.17	12.91	13.25	13.19	13.31	13.24	13.13	13.32	13.17	13.17	13.29	13.17	13.20
Fabricated metal products	13.45	14.02	14.01	14.14	14.07	13.81	13.24	13.08	12.79	13.04	12.94	12.54	13.41
Machinery, except electrical	11.46	11.69	11.58	11.47	11.51	11.46	11.50	11.51	11.47	11.34	11.27	11.23	11.30
Electric and electronic equipment	10.27	10.07	10.17	10.06	10.27	10.17	10.24	10.56	10.27	10.36	10.42	10.35	10.31
Transportation equipment	14.12	14.22	12.98	14.58	13.82	13.82	14.06	14.64	13.48	14.28	14.36	14.24	14.74
Nondurable Goods[c]	9.02	8.96	8.80	8.81	8.86	9.32	9.36	9.06	8.75	8.96	9.04	9.01	9.27
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.35	12.15	12.21	12.20	12.20	12.20	12.33	12.28	12.63	12.61	12.50	12.46	12.40
WHOLESALE TRADE	8.76	9.03	9.18	9.17	9.15	9.12	9.04	8.37	8.46	8.50	8.51	8.43	8.34
RETAIL TRADE[d]	5.75	5.80	5.78	5.80	5.78	5.77	5.70	5.73	5.73	5.74	5.76	5.76	5.66

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision."
[b] Includes lumber and wood products; furniture and fixtures; stone,clay,glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products, petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus Ohio 4-1984 RS-7-LH(1984)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.3	44.5	43.6	44.7	43.3	43.1	42.8	44.0	42.2	43.5	42.7	42.3	43.0
Durable Goods[b]	43.6	44.8	43.9	45.1	43.5	43.3	42.9	44.4	42.4	43.8	42.9	42.5	43.2
Primary metal industries	41.7	42.0	42.0	41.8	41.5	41.1	41.1	42.0	41.3	42.6	41.8	41.9	41.6
Blast furnace and basic steel products	39.8	40.2	41.0	39.6	40.8	39.7	40.2	39.6	38.9	40.7	39.3	39.6	37.4
Fabricated metal products	43.8	46.5	46.7	47.1	46.2	45.8	43.3	42.0	41.3	43.4	41.8	39.5	42.4
Machinery, except electrical	39.6	39.4	39.3	39.5	39.8	40.5	40.5	40.0	39.4	39.4	39.5	38.8	39.4
Electric and electronic equipment	41.5	40.5	42.6	43.5	43.1	43.9	41.5	41.0	40.1	40.4	41.8	41.5	37.9
Transportation equipment	50.7	55.5	49.1	55.6	48.4	48.3	48.5	55.9	47.5	50.9	48.1	48.8	51.4
Nondurable Goods[c]	40.1	40.2	39.8	39.7	40.3	40.6	41.5	39.6	39.5	39.6	40.3	39.6	40.1
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	40.4	40.6	40.4	39.8	39.6	40.1	40.9	41.2	40.6	40.9	40.5	40.4	40.2
WHOLESALE TRADE	37.4	36.4	36.8	36.7	36.6	36.0	36.1	38.1	38.8	38.4	38.4	38.5	38.3
RETAIL TRADE	29.4	29.2	29.1	29.3	29.4	29.4	30.3	29.8	29.5	29.2	28.8	28.8	29.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products, instruments and related products, miscellaneous manufacturing. [c] Includes food and kindred products, tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products, printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-85 RS-790-3-8 (1984)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$555.47	$570.94	$549.36	$561.55	$553.81	$551.68	$548.70	$574.20	$532.56	$558.54	$546.99	$539.33	$563.30
Durable Goods[b]	572.80	586.88	565.43	600.73	569.42	565.93	561.99	593.63	549.50	576.41	563.28	555.05	579.74
Primary metal industries	571.29	557.76	564.48	567.64	561.91	556.49	561.43	585.90	574.90	590.01	578.51	580.73	583.23
Blast furnace and basic steel products	524.96	518.98	542.43	522.32	543.05	525.63	527.83	527.47	512.31	536.02	522.30	521.53	493.68
Fabricated metal products	588.11	651.93	654.27	665.99	650.03	632.50	573.29	549.36	528.23	565.94	540.89	495.33	568.58
Machinery, except electrical	453.82	468.47	455.09	453.07	458.10	464.13	465.75	460.40	451.92	446.80	445.17	435.72	445.22
Electric and electronic equipment	426.21	407.84	433.24	437.18	442.64	446.46	424.96	432.96	411.83	418.54	435.56	423.53	390.75
Transportation equipment	715.88	789.21	637.32	810.65	668.89	667.51	681.91	818.38	640.30	726.85	690.72	694.91	757.64
Nondurable Goods[c]	361.30	360.19	350.24	349.76	357.06	378.39	388.44	358.78	345.63	354.82	364.31	356.80	371.73
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ..	496.94	493.29	494.09	485.56	483.12	489.27	504.30	505.94	512.78	515.75	506.25	503.38	498.48
WHOLESALE TRADE	327.62	[illegible]	337.82	336.54	334.89	328.32	326.34	318.90	328.25	326.40	326.78	324.56	319.42
RETAIL TRADE[d]	169.05	169.36	166.20	169.94	169.93	169.64	172.71	170.75	169.04	167.61	165.89	165.89	169.23

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-10-85 RS-790-2-8 (1984)

METROPOLITAN STATISTICAL AREA REDEFINITIONS

The U.S. Office of Management and Budget defines a Metropolitan Statistical Area as a county containing a city of at least 50,000 in population, or a group of counties with strong economic and social ties and with a total population of at least 100,000, containing an urbanized area of 50,000 or more. Demographic data from the 1980 Census resulted in O.M.B.'s changing the composition of three of the eight major metropolitan areas covered by this publication. These areas have been redefined as follows:

	Old Definition	New Definition
Columbus	Delaware, Fairfield, Franklin, Madison, and Pickaway Counties	Add Licking and Union Counties
Dayton	Greene, Miami, Montgomery, and Preble Counties	Subtract Preble County Add Clark County
Toledo	Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan	Subtract Ottawa County, Ohio and Monroe County, Michigan

This issue contains labor force data for these areas under the new definitions. The table below illustrates the effect of the redefinitions on March 1984 labor force data. The changes reflect rebenchmarking as well as redefinitions. Area titles conform to new definitions; under old definitions, MSA's were SMSA's and Dayton-Springfield was Dayton.

Industry Division	Columbus MSA			Dayton-Springfield MSA			Toledo MSA		
	Old	New	Percent Change	Old	New	Percent Change	Old	New	Percent Change
Civilian Labor Force	571,276	638,576	11.8	383,447	432,224	12.7	367,275	283,256	- 22.9
Total Employed	525,242	584,588	11.3	348,540	392,469	12.6	327,776	255,325	- 22.1
Unemployed									
Total	46,034	53,988	17.3	34,907	39,755	13.9	39,499	27,931	- 29.3
Rate	8.1	8.5	XXX	9.1	9.2	XXX	10.8	9.9	XXX

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	44
Manufacturing	63
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	46
Wholesale Trade	22
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark. Employment data for 1984 will be revised at the next benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio Bureau Of Employment Services
Labor Market Information Division
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Ohio
Labor
Market
Information

Labor Market Review

September 1985

Summary. Ohio's seasonally adjusted unemployment rate was 9.4 percent in September, up from August's rate of 9.1 percent. The national rate rose slightly--from 7.0 percent in August to 7.1 percent in September. In September 1984, Ohio had an unemployment rate of 9.2 percent, while the national rate was 7.4 percent. The unadjusted unemployment rate for Ohio was 9.0 percent in September, up from 8.8 percent in August. Total employment in Ohio was reduced by 33,000 persons in September, to 4,728,000, while the number of unemployed rose 9,000. Seasonal increases in private and public education helped raise nonagricultural wage and salary employment 1.2 percent, to 4,416,700.

Factory Employment. Manufacturing employment in Ohio totaled 1,113,100 in September, up 3,800 from August. Most industries had higher employment, with the largest gains occurring in fabricated metal products, food and kindred products, and in rubber and plastics products. Blast furnace and basic steel products, construction and related machinery, and household appliances had scattered layoffs.

Factory Hours and Earnings. Factory production workers earned an average of $478.97 per week in September, up $9.43 from August. The average workweek, at 42.2 hours, was .5 hours longer. Nearly all manufacturing industries showed increased weekly earnings, due mainly to increased overtime. The most significant were motor vehicles and equipment and metal forgings and stampings. Reduced overtime lowered earnings in fabricated structural metal products and paperboard containers and boxes.

Nonmanufacturing. Nonmanufacturing employment in Ohio rose 1.5 percent from August to 3,303,600 in September. The increase was due to the reopening of schools and colleges following summer recesses. Gains were also noted in department stores, food stores, and business services. Seasonal factors reduced employment in amusement and recreation services and in non-school state and local government.

Over the Year. The number of unemployed Ohioans rose 14,000 between September 1984 and September 1985. The unadjusted unemployment rate rose from 8.7 percent to 9.0 percent. Total employment advanced .3 percent, while nonagricultural wage and salary employment gained 2.5 percent. Nonmanufacturing industries had an increase of nearly 135,000 employees. Services and retail trade had the largest gains, while mining lost employment over the year. Manufacturing employment was down 26,600 from September 1984, with losses in almost all industries. The greatest declines occurred in primary metals, nonelectrical machinery, and electric and electronic equipment. Only transportation equipment and lumber and wood products had higher employment in September 1985 than in September 1984.

Benefits and Costs. There were 55,043 initial claims filed under the Ohio Unemployment Compensation Law in September, down 13.3 percent from August, but up 7.3 percent from September 1984. Total benefits paid this month amounted to $46.6 million, down 17.5 percent from August. The average weekly number of benefit recipients was 79,968, compared with 84,370 last month and 73,552 a year ago. The average unemployment check of $149.16 was up $3.28 from August. At the end of September, there were 189,940 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services served 51,962 new job applicants in September, down 7.4 percent from August. Employers reported 18,254 job openings, a decrease of 13.2 percent from August. The Employment Services Division made 30,531 job referrals and 14,408 job placements.

THE OHIO BUREAU OF EMPLOYMENT SERVICES CAN SAVE YOU TAX DOLLARS

Some applicants referred through the Ohio Bureau of Employment Services can save your company tax dollars.

If you hire an applicant under the Targeted Jobs Tax Credit program, your company will be eligible to:

* claim a tax credit equal to 50 percent of the first $6,000 in wages paid to the applicant in the first year; and

* claim an additional tax credit equal to 25 percent of the first $6,000 in wages for keeping the worker on your payroll through the second year.

For further information about the Targeted Jobs Tax Credit Program, contact Floyd McInturff at 614-462-7278.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1974	4,710	4,485	225	4.8	5.6
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,100	4,479	621	12.2	9.6
1984	5,099	4,618	481	9.4	7.5
1984					
September	5,165	4,713	452	8.7	7.1
October .	5,193	4,719	474	9.1	7.0
November.	5,114	4,659	456	8.9	6.9
December.	5,104	4,634	470	9.2	7.0
1985					
January .	5,022	4,568	454	9.0	8.0
February.	5,001	4,536	465	9.3	7.8
March ...	5,069	4,578	491	9.7	7.5
April ...	5,110	4,657	454	8.9	7.1
May	5,066	4,684	382	7.5	7.0
June	5,157	4,716	440	8.5	7.5
July	5,249	4,761	488	9.3	7.4
August ..	5,218	4,761	457	8.8	6.9
September	5,195	4,728	466	9.0	6.9

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.6	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,886.0
1978	4,394.9	1,377.2	3,017.7
1979	4,484.8	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.7	1,232.6	3,085.1
1982	4,124.3	1,099.9	3,024.4
1983	4,091.7	1,066.0	3,025.7
1984	4,248.0	1,125.1	3,122.9
1984			
September	4,308.5	1,139.7	3,168.9
October .	4,326.9	1,134.6	3,192.2
November.	4,330.2	1,133.6	3,196.6
December.	4,332.8	1,130.5	3,202.3
1985			
January .	4,241.1	1,126.3	3,114.8
February.	4,242.3	1,122.5	3,119.9
March ...	4,273.6	1,123.5	3,150.2
April ...	4,320.2	1,120.7	3,199.5
May	4,371.1	1,120.2	3,250.9
June	4,392.3	1,121.1	3,271.2
July	4,363.4	1,111.1	3,252.3
August ..	4,365.2	1,109.3	3,255.9
September	4,416.7	1,113.1	3,303.6

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.2	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	130.8	198.5	222.5	711.0	207.0	873.3	656.1
1984	27.6	142.9	205.7	235.9	740.9	211.5	903.8	654.5
1984								
September	28.2	160.0	208.5	239.0	752.5	213.7	921.7	645.3
October .	28.0	160.3	208.9	240.0	752.2	213.1	920.7	669.2
November.	27.7	154.8	207.9	240.1	762.6	213.1	917.3	673.2
December.	27.1	144.9	208.5	240.8	777.1	213.9	917.0	673.0
1985								
January .	27.0	126.7	203.5	239.3	739.5	213.8	907.4	657.7
February.	26.5	121.8	203.9	240.2	729.6	214.4	912.9	670.6
March ...	26.7	127.9	204.7	242.2	737.7	215.1	920.7	675.3
April ...	26.7	139.9	206.9	244.7	755.3	216.6	935.8	673.6
May	27.1	150.8	208.9	246.4	769.9	218.1	952.1	677.7
June	27.4	158.7	210.2	248.9	778.7	221.1	964.1	662.0
July	27.7	165.3	209.9	250.0	781.6	222.7	964.8	630.3
August ..	27.5	169.3	208.6	251.0	786.8	222.7	966.4	623.7
September	27.6	169.3	209.5	250.8	792.4	222.0	976.2	655.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1974	1,416.6	1,013.1	403.5	1,028.7	$217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	795.7	297.1	29.5
1983	1,066.0	723.6	342.4	721.6	315.5	30.5
1984	1,125.1	771.8	353.3	780.4	361.8	33.0
1984						
September	1,139.7	779.1	360.6	793.0	368.3	33.5
October .	1,134.6	777.4	357.2	788.6	363.1	33.0
November.	1,133.6	777.8	355.8	788.6	373.6	33.6
December.	1,130.5	776.0	354.5	784.2	378.8	33.6
1985						
January .	1,126.3	774.5	351.7	780.6	373.1	33.0
February.	1,122.5	772.2	350.3	777.1	353.2	31.0
March ...	1,123.5	772.1	351.3	777.5	373.2	33.0
April ...	1,120.7	770.3	350.4	774.6	368.9	32.5
May	1,120.2	770.0	350.2	773.6	368.1	32.5
June	1,121.1	769.6	351.5	773.6	372.1	32.7
July	1,111.1	763.1	348.0	763.3	360.6	31.8
August ..	1,109.3	756.3	353.0	761.9	357.7	31.8
September	1,113.1	757.9	355.2	766.3	367.0	32.3

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1974	$211.36	$216.94	$196.17	41.2	41.4	40.7	$ 5.13	$ 5.24	$ 4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.4	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.78	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1984	463.61	482.38	417.83	42.3	42.5	41.7	10.96	11.35	10.02
1984									
September	464.45	484.79	420.09	42.3	42.6	41.8	10.98	11.38	10.05
October .	460.48	479.10	417.49	41.9	42.1	41.5	10.99	11.38	10.06
November.	473.71	495.50	423.19	42.6	42.9	41.9	11.12	11.55	10.10
December.	483.05	506.18	426.72	42.9	43.3	42.0	11.26	11.69	10.16
1985									
January .	477.99	500.12	420.43	42.3	42.6	41.3	11.30	11.74	10.18
February.	454.46	472.40	411.93	39.9	40.0	39.8	11.39	11.81	10.35
March ...	479.97	501.30	424.76	42.4	42.7	41.4	11.32	11.74	10.26
April ...	476.28	497.45	424.98	42.0	42.3	41.3	11.34	11.76	10.29
May	475.86	498.20	420.66	42.0	42.4	41.0	11.33	11.75	10.26
June	480.95	502.25	429.11	42.3	42.6	41.5	11.37	11.79	10.34
July	472.46	490.31	426.01	41.7	41.8	41.2	11.33	11.73	10.34
August ..	469.54	489.81	422.91	41.7	41.9	41.3	11.26	11.69	10.24
September	478.97	499.90	430.54	42.2	42.4	41.8	11.35	11.79	10.30

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
					EMPLOYMENT (in thousands)				
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.3	138.2	167.1	92.9	145.3	62.8	64.7	91.0
1984									
September	53.9	107.0	140.4	169.8	94.5	144.1	66.4	65.3	92.4
October .	53.4	106.1	139.3	168.7	94.0	146.9	63.7	65.4	92.4
November.	52.7	105.4	139.8	169.9	93.1	148.0	62.6	65.2	92.5
December.	51.9	104.1	139.5	169.4	93.3	149.5	62.5	64.8	92.2
1985									
January .	50.7	104.3	139.1	168.7	93.7	150.1	61.7	64.3	91.8
February.	50.1	104.1	138.7	168.4	93.2	150.1	60.7	64.3	91.4
March ...	50.2	103.7	138.0	168.8	92.3	150.9	61.0	64.7	91.5
April ...	51.2	102.7	137.7	168.1	90.5	151.6	60.5	64.7	90.9
May	51.1	102.3	138.5	166.9	89.3	152.4	60.0	64.8	91.0
June	51.4	101.3	138.7	165.8	89.4	153.0	61.9	64.5	90.6
July	51.1	100.7	136.2	164.4	88.6	152.3	61.9	64.6	87.7
August ..	51.6	96.5	135.2	162.4	88.7	151.7	64.7	64.8	89.5
September	51.9	96.6	136.6	162.0	88.4	151.9	65.6	64.9	90.3
					AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS				
1974	$194.21	$246.03	$213.62	$219.05	$184.61	$244.91	$204.89	$211.14	$199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	419.99
1984									
September	416.72	542.30	463.00	466.71	423.74	625.63	428.80	388.08	418.46
October .	416.34	536.76	459.68	461.74	424.56	611.97	412.72	384.38	414.80
November.	427.43	547.79	475.15	477.17	428.69	643.10	420.31	391.33	421.71
December.	431.38	543.86	500.40	489.51	440.58	654.19	425.72	398.04	424.87
1985									
January .	418.99	539.97	495.20	479.70	422.65	659.78	413.34	384.81	424.42
February.	405.08	540.70	465.66	458.49	404.07	586.40	408.04	376.66	412.08
March ...	428.48	546.33	502.15	476.69	438.48	634.05	414.83	390.02	428.98
April ...	440.16	548.47	505.57	470.22	427.18	621.53	413.00	386.83	429.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.19	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August ..	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	440.99	560.90	480.48	477.70	433.05	634.95	426.84	399.36	434.09

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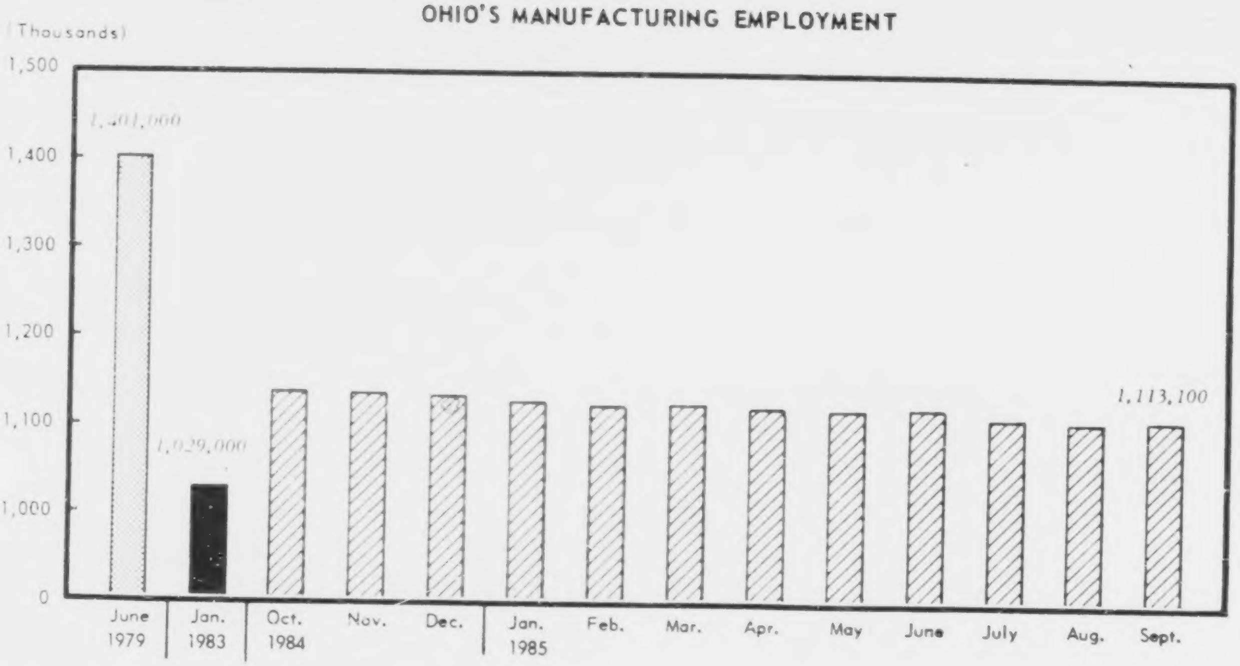
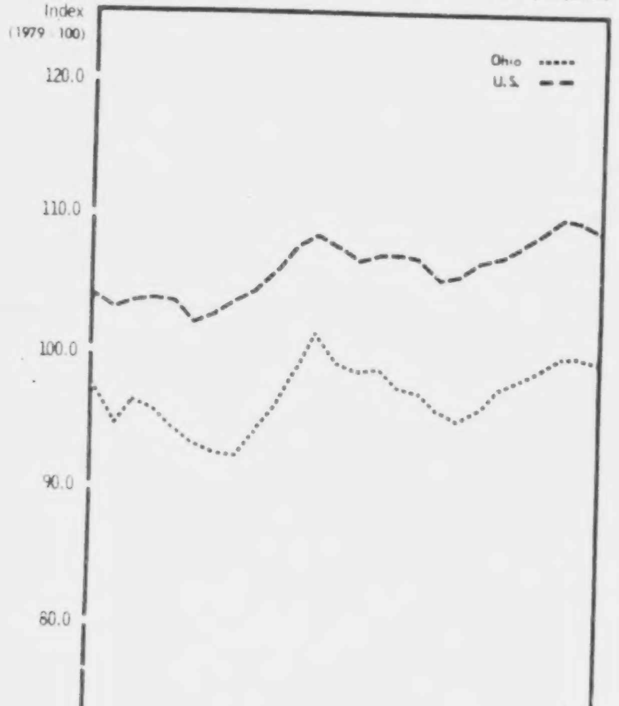
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

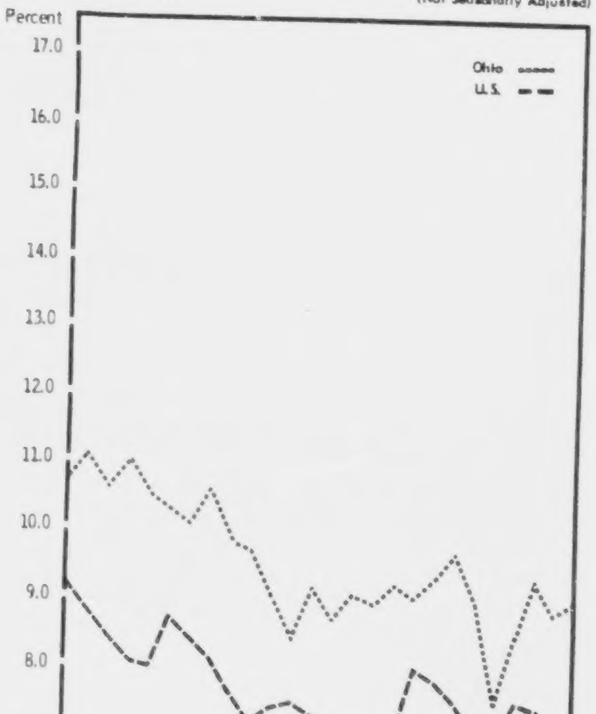
OHIO'S MANUFACTURING EMPLOYMENT



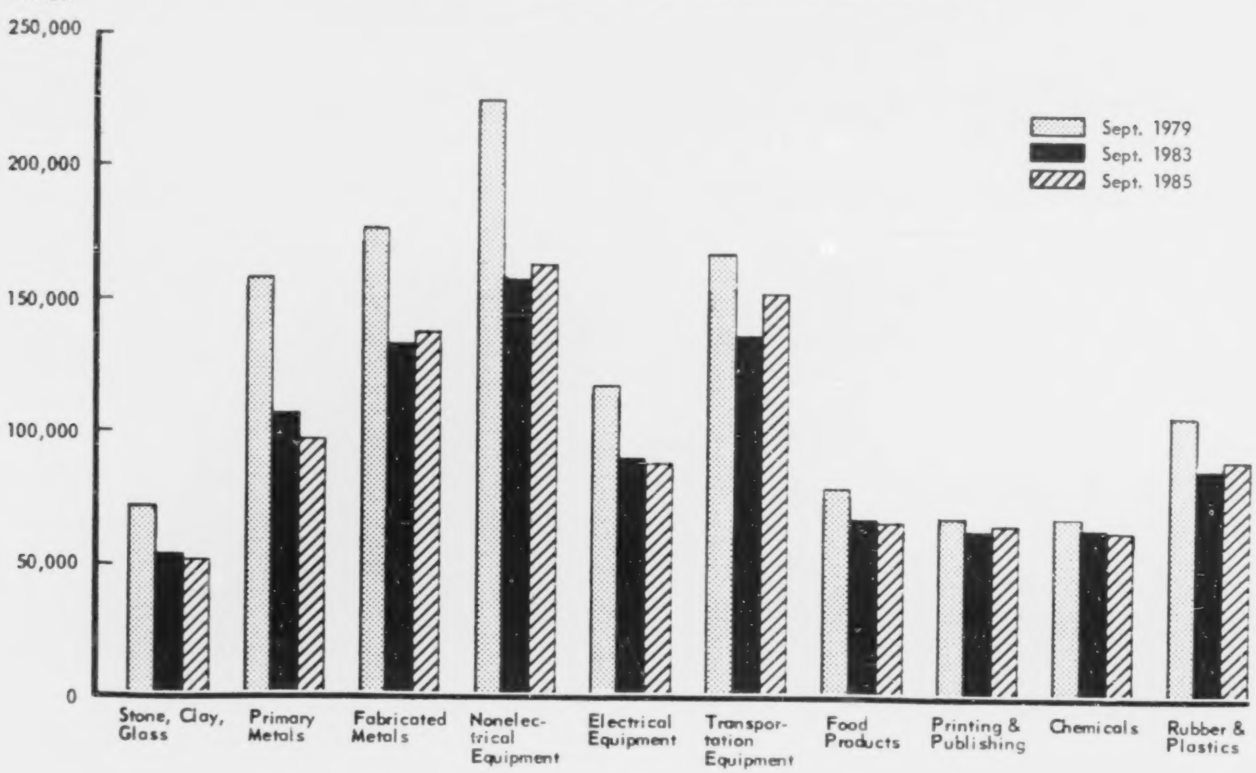
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Not Seasonally Adjusted)



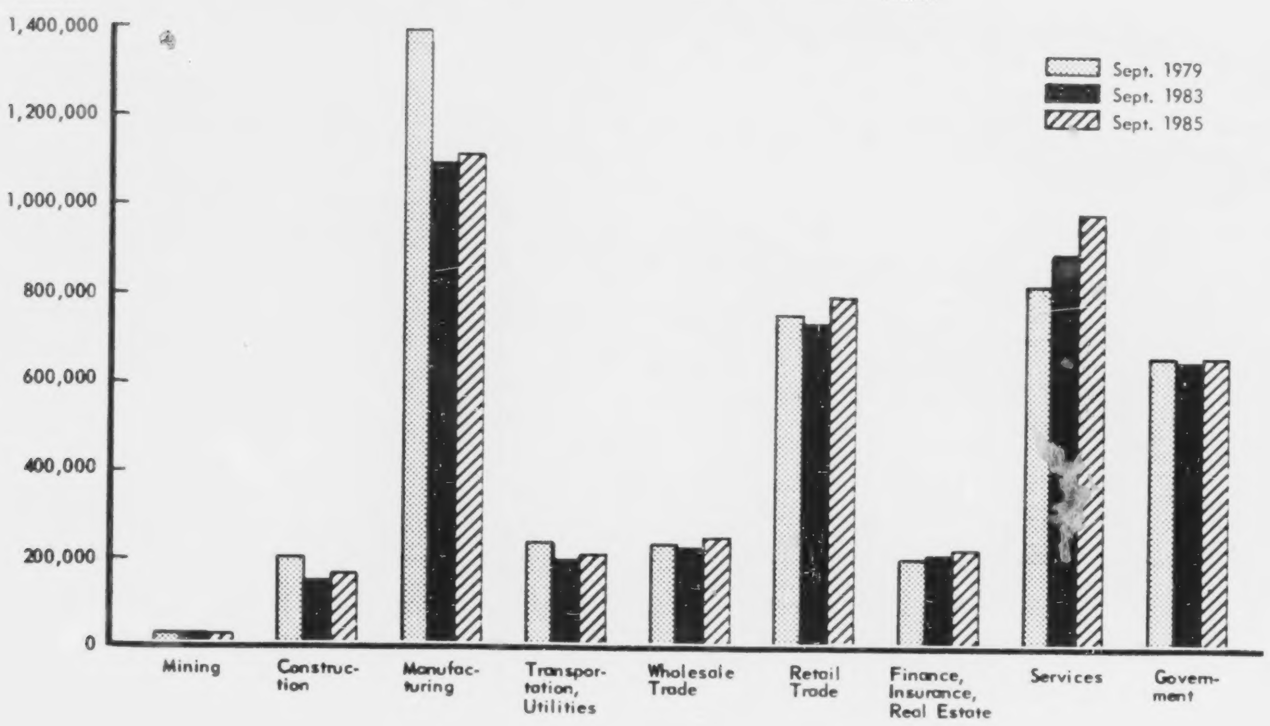
UNEMPLOYMENT RATES
OHIO AND U.S.
(Not Seasonally Adjusted)



EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	4416.7	4365.2	4308.5	51.5	108.1
MANUFACTURING	1113.1	1109.3	1139.7	3.8	- 26.6
Durable Goods[e]	757.9	756.3	779.1	1.6	- 21.2
Lumber and wood products	17.8	17.7	16.3	.0	1.5
Furniture and fixtures	14.3	14.3	15.0	.0	- .6
Stone, clay, and glass products	51.9	51.6	53.9	.3	- 2.0
Glass and glassware, pressed or blown	11.7	11.4	13.1	.3	- 1.4
Primary metal industries	96.6	96.5	107.0	.1	- 10.4
Blast furnace and basic steel products	42.1	42.6	49.6	- .5	- 7.5
Iron and steel foundries	20.1	20.2	21.9	- .2	- 1.8
Nonferrous rolling and drawing	18.6	18.2	19.2	.3	- .6
Fabricated metal products	136.6	135.2	140.4	1.4	- 3.8
Cutlery, hand tools, and hardware	11.2	11.2	11.6	.0	- .4
Fabricated structural metal products	29.0	28.6	29.2	.5	- .2
Metal forgings and stampings	42.6	41.9	45.0	.7	- 2.4
Machinery, except electrical	162.0	162.4	169.8	- .4	- 7.8
Construction and related machinery	14.0	14.4	16.3	- .4	- 2.3
Metalworking machinery	42.4	42.4	42.9	- .1	- .5
Special industry machinery	18.7	18.7	19.3	.1	- .5
General industrial machinery	31.1	31.3	32.5	- .2	- 1.4
Office and computing machines	12.5	12.8	13.6	- .2	- 1.0
Refrigeration and service machinery	16.1	15.7	16.9	.3	- .8
Electric and electronic equipment	88.4	88.7	94.5	- .3	- 6.1
Electrical industrial apparatus	18.5	18.5	19.0	.0	- .5
Household appliances	17.0	17.3	17.4	- .3	- .4
Electric lighting and wiring equipment	17.5	17.4	19.4	.1	- 1.8
Communication equipment	10.5	10.5	11.4	.0	- .9
Transportation equipment	151.9	151.7	144.1	.2	7.8
Motor vehicles and equipment	98.3[j]	98.4	96.3	- .1	2.0
Aircraft and parts	45.0	44.7	39.3	.4	5.8
Instruments and related products	23.2	23.1	23.3	.1	- .1
Measuring and controlling devices	11.9	11.8	12.4	.1	- .5
Nondurable Goods[f]	355.2	353.0	360.6	2.2	- 5.4
Food and kindred products	65.6	64.7	66.4	.9	- .8
Meat products	9.8	9.7	10.0	.1	- .2
Dairy products	9.9	9.9	9.9	.0	.0
Preserved fruits and vegetables	13.2	12.5	13.8	.7	- .6
Bakery products	8.7	8.7	8.6	- .1	.1
Beverages	10.3	10.4	10.2	- .1	.1
Apparel and other textile products	17.0	16.7	17.5	.3	- .5
Paper and allied products	36.8	36.5	37.3	.3	- .5
Misc. converted paper products	11.7	11.6	12.4	.1	- .7
Paperboard containers and boxes	12.4	12.2	12.2	.2	.2
Printing and publishing	64.9	64.8	65.3	.1	- .4
Newspapers	18.5	18.5	18.2	.0	.2
Commercial printing	24.0	23.6	24.0	.4	.1
Chemicals and allied products	62.4	62.4	63.2	.0	- .8
Industrial inorganic chemicals	9.9	10.1	11.0	- .2	- 1.1
Rubber and misc. plastics products	90.3	89.5	92.4	.8	- 2.1
Tires and inner tubes	19.1	19.2	20.2	- .1	- 1.1
Miscellaneous plastics products	50.6	49.8	51.0	.8	- .4

See footnotes on page 11.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
(Continued)

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
NONMANUFACTURING	3303.6	3255.9	3168.9	47.7	134.7
MINING	27.6	27.5	28.2	.1	- .6
Bituminous coal and lignite mining	11.0	11.0	11.8	.0	- .8
Oil and gas extraction	12.0	12.0	11.7	- .1	.3
CONSTRUCTION	169.3	169.3	160.0	.0	9.3
General building contractors	44.2	43.6	41.0	.6	3.2
Heavy construction contractors	24.6	25.1	23.6	- .6	.9
Highway and street construction	11.8	12.0	11.3	- .2	.5
Special trade contractors	100.6	100.6	95.4	.0	5.2
TRANSPORTATION AND PUBLIC UTILITIES	209.5	208.6	208.5	.8	.9
Railroad transportation	17.7	17.8	19.3	- .1	- 1.6
Transportation, except railroads	99.6	98.1	95.8	1.5	3.7
Trucking and warehousing	70.7	69.5	69.4	1.2	1.2
Communication, electric, gas services	92.2	92.7	93.4	- .6	- 1.3
Communication	51.5	51.6	53.3	- .1	- 1.8
Electric, gas, and sanitary services	40.7	41.1	40.1	- .5	.5
WHOLESALE TRADE	250.8	251.0	239.0	- .2	11.8
Wholesale trade–durable goods	159.7	159.7	151.7	.0	7.9
Motor vehicles & automotive equipment	23.6	23.6	22.3	.0	1.3
Electrical goods	21.0	21.0	20.2	.0	.8
Machinery, equipment, and supplies	65.3	65.4	62.9	- .1	2.4
Wholesale trade–nondurable goods	91.1	91.2	87.2	- .1	3.9
Groceries and related products	28.1	28.0	27.2	.1	.9
RETAIL TRADE	792.4	786.8	752.5	5.6	40.0
General merchandise stores	114.1	111.3	112.4	2.8	1.6
Department stores	104.5	101.8	103.2	2.7	1.3
Food stores	127.2	125.7	122.0	1.5	5.2
Automotive dealers & service stations	90.4	90.4	82.9	.0	7.6
Apparel and accessory stores	36.2	36.3	35.1	- .1	1.1
Eating and drinking places	278.8	278.4	262.1	.4	16.7
FINANCE, INSURANCE, AND REAL ESTATE	222.0	222.7	213.7	- .7	8.3
Banking	60.8	61.0	57.9	- .1	2.9
Credit agencies other than banks	35.0	34.9	33.3	.1	1.7
Insurance carriers	57.9	58.2	58.1	- .3	- .2
Life insurance	21.3	21.4	22.2	- .2	- .9
Fire, marine, and casualty insurance	27.8	27.9	27.4	- .1	.3
SERVICES	976.2	966.4	921.7	9.9	54.5
Hotels and other lodging places	33.6	34.6	32.0	- 1.0	1.6
Personal services	51.7	51.0	48.8	.7	2.9
Laundry, cleaning, & garment services	17.4	17.2	17.0	.2	.4
Business services	174.3	172.7	155.3	1.5	19.0
Services to buildings	26.3	26.0	24.2	.3	2.2
Computer and data processing services	15.1	15.0	13.4	.1	1.7
Amusement and recreation services	47.8	54.0	45.1	- 6.1	2.8
Health services	329.7	329.6	323.2	.1	6.5
Nursing and personal care facilities	68.8	69.2	67.2	- .4	1.6
Hospitals	169.5	169.5	169.6	.0	- .1
Educational services	66.6	52.1	57.5	14.5	9.1
Colleges and universities	35.7	24.8	31.4	10.9	4.3
GOVERNMENT	655.8	623.7	645.3	32.2	10.5
Federal government	92.8	93.3	90.2	- .5	2.6
State government	136.4	125.5	134.7	10.9	1.7
State government education[i]	65.9	53.8	65.4	12.0	.5
State government, except education	70.5	71.7	69.3	- 1.2	1.2
Local government	426.7	404.9	420.4	21.8	6.2
Local government education	240.8	212.8	237.6	28.0	3.2
Local government, except education	185.9	192.1	182.9	- 6.3	3.0

See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$478.97	$469.54	$464.45	42.2	41.7	42.3	$11.35	$11.26	$10.98
Durable Goods[e]	499.90	489.81	484.79	42.4	41.9	42.6	11.79	11.69	11.38
Lumber and wood products	301.66	287.28	300.03	40.6	39.3	40.6	7.43	7.31	7.39
Furniture and fixtures	329.20	330.07	324.01	40.0	40.4	40.1	8.23	8.17	8.08
Stone, clay, and glass products	440.99	439.74	416.72	42.2	42.0	41.3	10.45	10.47	10.09
Glass and glassware, pressed or blown	453.70	456.55	443.11	40.8	40.8	40.1	11.12	11.19	11.05
Primary metal industries	560.90	552.30	542.30	42.3	42.0	42.4	13.26	13.15	12.79
Blast furnace and basic steel products	536.00	533.06	526.41	40.0	39.9	40.4	13.40	13.36	13.03
Iron and steel foundries	618.65	594.91	555.54	44.7	44.1	43.3	13.84	13.49	12.83
Nonferrous rolling and drawing	614.74	596.98	610.57	43.2	42.1	43.8	14.23	14.18	13.94
Fabricated metal products	480.48	468.86	463.00	41.6	41.2	41.9	11.55	11.38	11.05
Cutlery, hand tools, and hardware	511.09	482.36	456.95	42.1	40.5	39.7	12.14	11.91	11.51
Fabricated structural metal products	405.78	423.58	430.36	40.7	42.4	42.4	9.97	9.99	10.15
Metal forgings and stampings	605.56	575.04	552.11	43.1	41.7	42.7	14.05	13.79	12.93
Machinery, except electrical	477.70	469.14	466.71	42.5	42.0	42.7	11.24	11.17	10.93
Construction and related machinery	394.61	398.99	412.27	39.5	39.7	40.3	9.99	10.05	10.23
Metalworking machinery	440.15	439.30	439.32	41.8	41.6	42.0	10.53	10.56	10.46
Special industry machinery	476.23	470.41	461.16	44.3	43.8	44.3	10.75	10.74	10.41
General industrial machinery	499.16	493.11	462.18	42.7	42.4	41.6	11.69	11.63	11.11
Office and computing machines	384.14	381.74	384.05	41.8	42.7	43.2	9.19	8.94	8.89
Refrigeration and service machinery	572.03	556.33	553.75	43.5	42.5	44.3	13.15	13.09	12.50
Electric and electronic equipment	433.05	430.77	423.74	40.7	40.6	41.1	10.64	10.61	10.31
Electrical industrial apparatus	423.32	422.99	414.41	40.9	40.4	41.4	10.35	10.47	10.01
Household appliances	453.17	447.58	421.74	40.9	41.1	39.9	11.08	10.89	10.57
Electric lighting and wiring equipment	421.20	422.40	418.40	40.0	40.0	41.1	10.53	10.56	10.18
Communication equipment	499.65	502.68	504.74	42.2	42.6	43.7	11.84	11.80	11.55
Transportation equipment	634.95	612.76	625.63	45.0	43.8	45.8	14.11	13.99	13.66
Motor vehicles and equipment	673.26	644.81	660.35	45.8	44.5	46.9	14.70	14.49	14.08
Aircraft and parts	557.18	543.54	549.07	43.7	42.2	43.2	12.75	12.88	12.71
Instruments and related products	363.85	355.25	321.19	41.3	40.6	40.3	8.81	8.75	7.97
Measuring and controlling devices	354.22	347.99	318.40	39.8	39.1	40.0	8.90	8.90	7.96
Nondurable Goods[f]	430.54	422.91	420.09	41.8	41.3	41.8	10.30	10.24	10.05
Food and kindred products	426.84	413.27	428.80	43.6	42.3	43.8	9.79	9.77	9.79
Meat products	387.96	381.97	422.23	42.4	41.7	43.8	9.15	9.16	9.64
Dairy products	467.41	452.76	426.07	44.9	44.0	43.3	10.41	10.29	9.84
Preserved fruits and vegetables	414.00	385.75	382.35	46.0	43.1	45.9	9.00	8.95	8.33
Bakery products	441.48	431.59	453.89	39.0	38.5	41.3	11.32	11.21	10.99
Beverages	417.21	412.83	387.08	42.1	41.7	39.7	9.91	9.90	9.75
Apparel and other textile products	256.13	247.78	249.48	37.5	36.6	37.8	6.83	6.77	6.60
Paper and allied products	461.34	466.47	455.40	43.4	43.8	44.0	10.63	10.65	10.35
Misc. converted paper products	434.50	430.57	394.90	43.8	42.8	42.6	9.92	10.06	9.27
Paperboard containers and boxes	393.18	404.80	403.34	41.3	42.7	43.0	9.52	9.48	9.38
Printing and publishing	399.36	397.97	388.08	38.4	38.6	38.5	10.40	10.31	10.08
Newspapers	336.87	333.74	320.08	34.2	34.3	33.1	9.85	9.73	9.67
Commercial printing	407.38	404.19	410.00	39.9	39.9	41.0	10.21	10.13	10.00
Chemicals and allied products	493.50	487.72	479.08	42.0	41.9	41.3	11.75	11.64	11.60
Industrial inorganic chemicals	541.38	525.62	510.47	42.0	41.0	41.3	12.89	12.82	12.36
Rubber and misc. plastics products	434.09	422.42	418.46	42.6	41.7	42.7	10.19	10.13	9.80
Tires and inner tubes	601.21	594.06	605.98	44.9	44.7	46.4	13.39	13.29	13.06
Miscellaneous plastics products	423.27	407.95	400.58	42.2	41.0	42.3	10.03	9.95	9.47

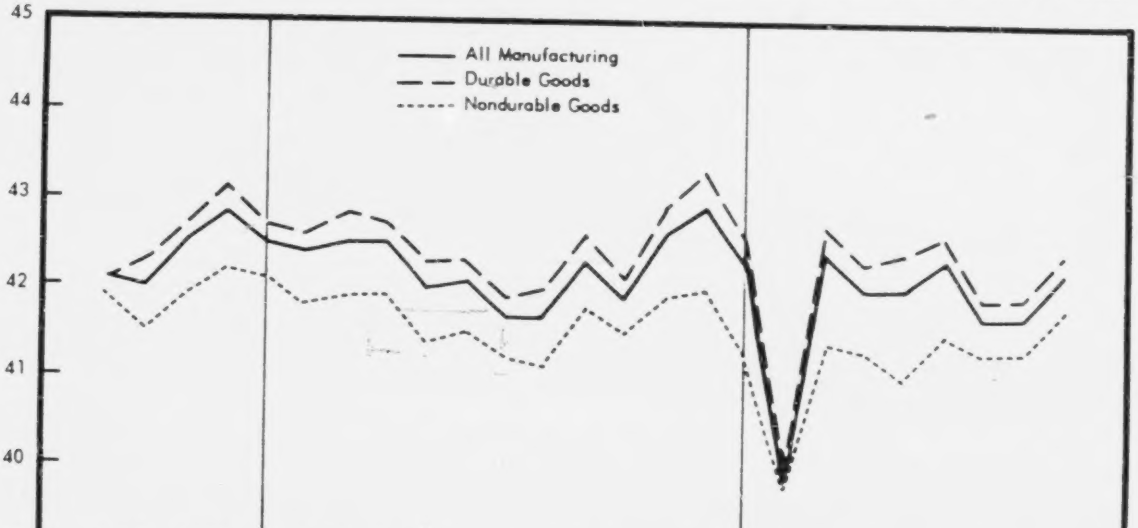
See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
(Continued)

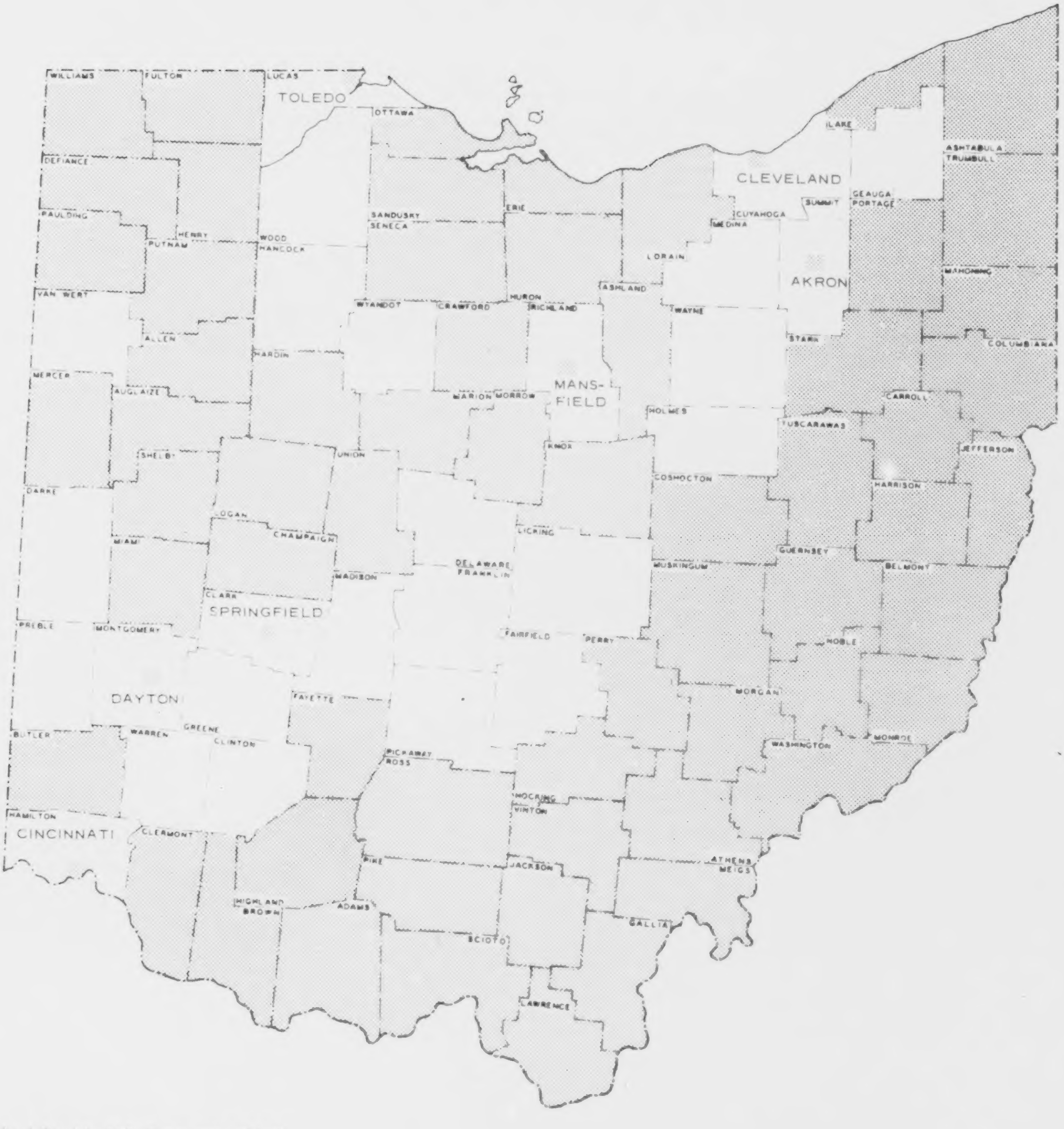
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MINING	$506.71	$499.68	$501.23	44.1	43.3	44.2	$11.49	$11.54	$11.34
Bituminous coal and lignite mining	609.51	596.11	631.19	41.1	39.9	43.5	14.83	14.94	14.51
CONSTRUCTION	595.90	585.49	598.54	39.7	38.8	39.3	15.01	15.09	15.23
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	525.16	522.70	504.70	40.9	40.9	40.8	12.84	12.78	12.37
Communication	520.90	519.27	502.25	40.6	40.6	40.8	12.83	12.79	12.31
Electric, gas, and sanitary services	532.40	527.40	509.61	41.4	41.3	40.9	12.86	12.77	12.46
WHOLESALE TRADE	350.16	346.82	342.61	39.3	39.1	39.2	8.91	8.87	8.74
Wholesale trade—durable goods	348.57	345.71	339.77	39.7	39.6	39.6	8.78	8.73	8.58
Wholesale trade—nondurable goods	353.86	350.59	349.07	38.8	38.4	38.7	9.12	9.13	9.02
RETAIL TRADE[h]	159.43	160.08	155.48	29.2	29.7	28.9	5.46	5.39	5.38
General merchandise stores	175.51	175.76	165.98	29.9	30.2	30.4	5.87	5.82	5.46
Department stores	179.70	179.98	169.22	29.9	30.3	30.6	6.01	5.94	5.53
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	233.22	233.73	224.23	....	....	....	....	....	....
Credit agencies other than banks	231.67	232.96	217.95	....	....	....	....	....	....
Insurance carriers	308.94	307.56	298.87	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	314.76	311.22	296.48	34.4	34.2	34.0	9.15	9.10	8.72

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



LABOR SURPLUS AREAS IN OHIO[a]
OCTOBER 1, 1985 - SEPTEMBER 30, 1986


WILLIAMS
FULTON
LUCAS
TOLEDO
OTTAWA
DEFIANCE
PAULDING
HENRY
PUTNAM
WOOD
HANCOCK
SANDUSKY
SENECA
ERIE
LAKE
ASHTABULA
TRUMBULL
CLEVELAND
GEAUGA
PORTAGE
SUMMIT
CUYAHOGA
MEDINA
LORAIN
AKRON
MAHONING
VAN WERT
ALLEN
HARDIN
WYANDOT
CRAWFORD
HURON
RICHLAND
ASHLAND
WAYNE
STARK
COLUMBIANA
MERCER
AUGLAIZE
MARION
MORROW
MANS-
FIELD
HOLMES
TUSCARAWAS
CARROLL
SHELBY
UNION
KNOX
COSHOCTON
JEFFERSON
HARRISON
DARKE
LOGAN
CHAMPAIGN
LICKING
MIAMI
MADISON
DELAWARE
FRANKLIN
MUSKINGUM
GUERNSEY
BELMONT
CLARK
SPRINGFIELD
PREBLE
MONTGOMERY
FAIRFIELD
PERRY
NOBLE
DAYTON
FAYETTE
MORGAN
BUTLER
WARREN
GREENE
CLINTON
PICKAWAY
ROSS
WASHINGTON
MONROE
HOCKING
VINTON
HAMILTON
CINCINNATI
CLERMONT
PIKE
JACKSON
ATHENS
MEIGS
HIGHLAND
BROWN
ADAMS
SCIOTO
GALLIA
LAWRENCE

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[a] As defined by U.S. Department of Labor.

Labor Surplus Areas in Ohio,
October 1, 1985 - September 30, 1986

The U.S. Department of Labor has designated labor surplus areas for the federal fiscal year October 1, 1985 through September 30, 1986. Designated Ohio areas are listed below.

Employers located in labor surplus areas can be given preference in bidding on federal procurement contracts under Public Law 96-302 (Small Business Administration) and Executive Orders 12073 (Federal Procurement in Labor Surplus Areas) and 10582 (Implementing the Buy American Act).

Classification is by counties unless a county contains a city or cities with a population of 50,000 or more. In that case, such city or cities and the balance-of-county are classified separately. To qualify as a labor surplus area, the 24-month average unemployment rate for the last two calendar years must be at least 1.20 times the average national rate for that period, but this lower limit cannot go below 6.0 or above 10.0 percent. For this list of areas, the reference period is January 1, 1983 through December 31, 1984 and the requisite rate is 10.0 percent.

In exceptional circumstances, the state employment security agency may petition the Employment and Training Administration, U.S. Department of Labor, to waive the regular criteria when an area experiences a significant increase in unemployment which is not temporary or seasonal and which was not adequately reflected in data for the reference period.

Cities

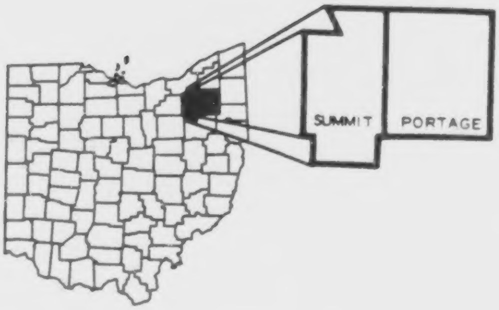
Akron
Cincinnati
Cleveland
Dayton
Mansfield
Springfield
Toledo

Counties

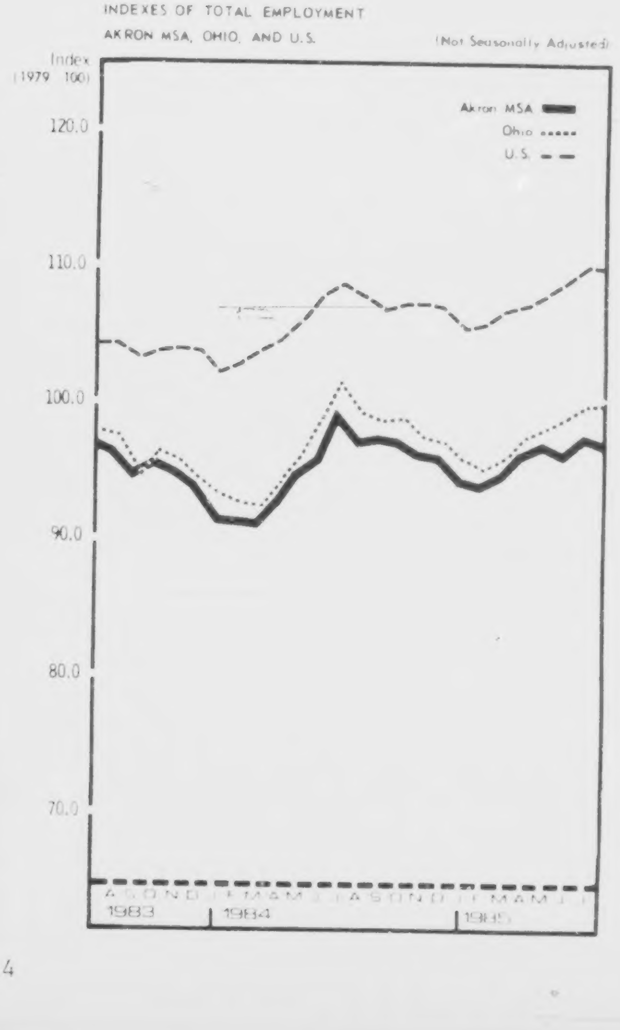
Adams
Allen
Ashland
Ashtabula
Athens
Auglaize
Belmont
Brown
*Butler
Carroll
Champaign
Clermont
Columbiana
Coshocton
Crawford
Defiance
Erie
Fayette
Fulton
Gallia
Guernsey
Hardin
Harrison
Henry
Highland
Hocking
Huron
Jackson
Jefferson
Knox
Lake
Lawrence
Logan
*Lorain
*Mahoning
Marion
Meigs
Mercer
Miami
Monroe
Morgan
Morrow
Muskingum
Noble
Ottawa
Paulding
Perry
Pike
Portage
Putnam
Ross
Sandusky
Scioto
Seneca
Shelby
*Stark
*Trumbull
Tuscarawas
Union
Vinton
Washington
Williams

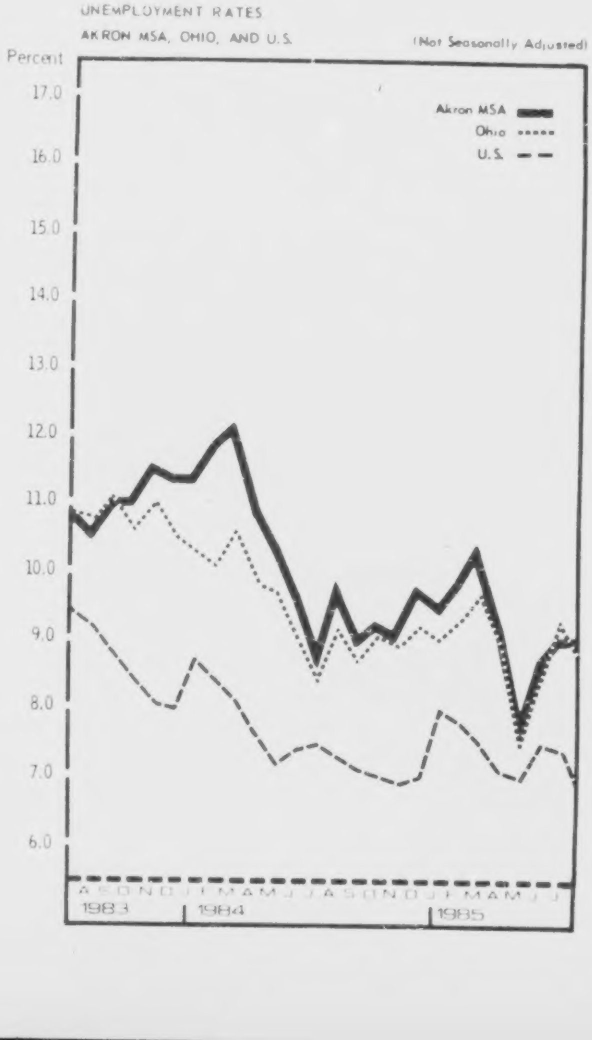
*In each of these counties, a city or cities and a balance-of-county are separately classified as labor surplus areas, with the classified areas covering the entire county, as follows: Butler County--Hamilton city and balance-of-county; Lorain County--Elyria city, Lorain city, and balance-of-county; Mahoning County--Youngstown city and balance-of-county; Stark County--Canton city and balance-of-county; Trumbull County--Warren city and balance-of-county.

AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in Akron rose 4,700 from August, to 261,000 in September. The increase was concentrated in nonmanufacturing, reflecting seasonal hiring in schools and universities. Manufacturing, at 64,900, remained unchanged as gains in fabricated metal products industries were offset by decreases in chemicals and allied products, and tires and inner tubes. Hourly earnings of factory production workers rose 15 cents, to $10.82 an hour. Their average workweek, at 42.3 hours, was up .2 hours from August.


INDEXES OF TOTAL EMPLOYMENT
AKRON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
AKRON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

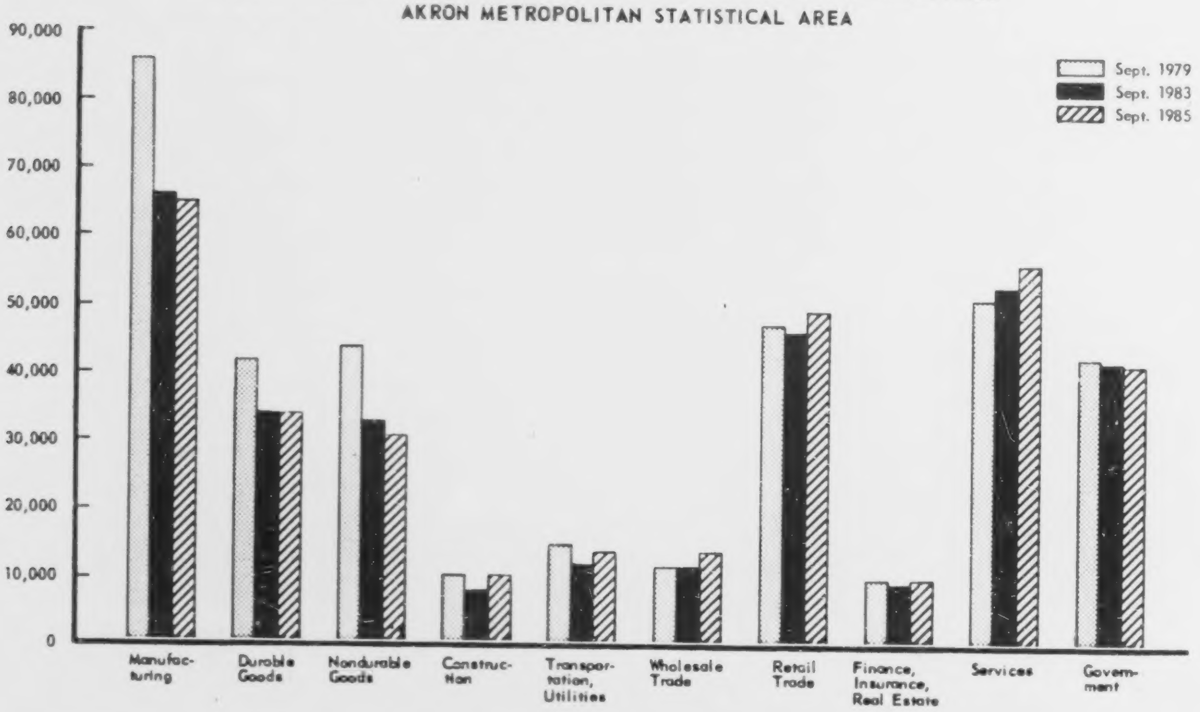
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
290.8	277.7	13.0	4.5	1974	259.0	94.2	56.1	$223.34	42.3	$ 5.28
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	232.63	41.1	5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.4	265.2	37.2	12.3	1983	244.7	65.2	35.7	452.12	43.1	10.49
300.7	270.4	30.3	10.1	1984	251.2	67.5	37.8	470.65	43.7	10.77
				1984						
305.7	275.9	29.8	9.8	August	250.4	68.1	38.0	465.91	43.3	10.76
304.5	277.2	27.2	8.9	September	256.4	68.4	38.5	465.91	43.3	10.76
304.1	276.1	28.0	9.2	October	255.8	67.9	38.0	464.61	42.9	10.83
300.4	273.4	27.1	9.0	November	256.1	67.9	37.9	479.57	44.2	10.85
302.1	272.7	29.4	9.7	December	256.5	67.5	37.7	495.84	45.2	10.97
				1985						
295.5	267.8	27.7	9.4	January	250.1	67.6	37.8	480.25	44.1	10.89
296.3	267.2	29.0	9.8	February	251.4	67.6	37.5	470.89	43.4	10.85
300.2	269.4	30.8	10.3	March	253.3	67.4	37.2	489.28	44.0	11.12
300.7	273.5	27.2	9.1	April	256.1	67.2	37.1	479.76	43.3	11.08
297.9	275.2	22.7	7.6	May	253.9	66.9	36.7	472.57	43.0	10.99
299.6	273.5	26.1	8.7	June	256.8	66.8	36.7	481.55	43.5	11.07
305.4	278.0	27.4	9.0	July	257.2	66.1	36.1	468.17	42.6	10.99
304.3	277.0	27.3	9.0	August	256.2	64.9	35.1	449.21	42.1	10.67
INA	INA	INA	INA	September	261.0	64.9	35.3	457.69	42.3	10.82

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	261.0	256.2	256.4	4.7	4.6
MANUFACTURING	64.9	64.9	68.4	.0	- 3.6
Durable Goods[e]	33.6	33.4	35.8	.2	- 2.2
Fabricated metal products	12.2	12.0	13.4	.2	- 1.2
Machinery, except electrical	8.7	8.7	9.4	.0	- .7
Metalworking machinery	3.1	3.0	3.1	.1	.0
Nondurable Goods[f]	31.3	31.5	32.6	- .2	- 1.4
Food and kindred products	2.7	2.7	2.6	.0	.1
Chemicals and allied products	2.5	2.6	2.9	- .1	- .4
Rubber and misc. plastics products	21.0	21.1	22.0	- .1	- 1.0
Tires and inner tubes	14.3	14.4	15.2	- .1	- .9
NONMANUFACTURING[g]	196.1	191.3	187.9	4.8	8.2
CONSTRUCTION	10.8	10.7	9.4	.1	1.3
TRANSPORTATION AND PUBLIC UTILITIES	13.7	13.7	13.4	.0	.3
Communication, electric, gas services	5.4	5.4	5.5	.0	- .1
WHOLESALE TRADE	14.5	14.4	13.3	.0	1.2
RETAIL TRADE	49.0	48.6	47.4	.4	1.6
General merchandise stores	6.6	6.5	6.7	.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	9.8	9.7	9.3	.2	.5
Banking	3.3	3.1	3.0	.2	.2
SERVICES	56.2	57.1	53.0	- .9	3.1
Business services	11.0	11.0	9.8	.0	1.1
Amusement and recreation services	4.9	5.8	3.4	- .9	1.5
Health services	16.9	16.9	17.1	.1	- .2
GOVERNMENT	41.5	36.5	41.3	5.1	.3
State government	14.7	10.4	14.4	4.3	.3
State government education[i]	11.7	7.4	11.5	4.3	.2
State government, except education	3.0	3.0	2.9	.0	.1
Local government	24.6	23.8	24.7	.8	- .1
Local government education	12.8	11.8	13.2	1.0	- .4
Local government, except education	11.8	12.1	11.6	- .2	.3

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]

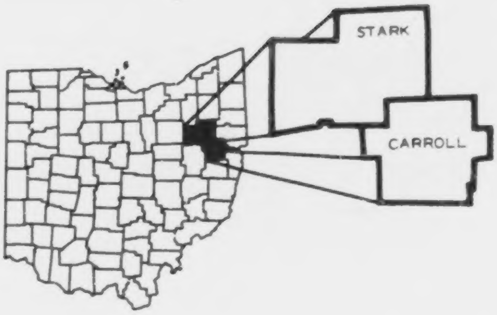
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$457.69	$449.21	$465.91	42.3	42.1	43.3	$10.82	$10.67	$10.76
Durable Goods[e]	460.22	457.29	478.52	41.8	41.8	43.7	11.01	10.94	10.95
Fabricated metal products	500.52	515.51	551.24	38.8	39.9	42.6	12.90	12.92	12.94
Machinery, except electrical	454.34	426.45	425.70	45.8	44.1	45.0	9.92	9.67	9.46
Metalworking machinery	412.16	408.75	429.12	43.8	43.3	44.7	9.41	9.44	9.60
Nondurable Goods[f]	453.65	436.90	446.22	43.0	42.5	42.7	10.55	10.28	10.45
Food and kindred products	465.96	468.86	444.69	44.0	44.4	42.8	10.59	10.56	10.39
Chemicals and allied products	440.51	437.12	451.52	40.6	40.7	41.5	10.85	10.74	10.88
Rubber and misc. plastics products	472.36	469.04	476.52	43.9	44.0	44.0	10.76	10.66	10.83
Tires and inner tubes	665.99	657.94	661.06	47.2	47.3	48.5	14.11	13.91	13.63
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	545.16	538.33	522.45	41.3	41.0	41.3	13.20	13.13	12.65
WHOLESALE TRADE	317.75	326.32	320.26	38.1	38.3	39.2	8.34	8.52	8.17
RETAIL TRADE[h]	182.66	185.43	178.20	29.7	30.2	29.8	6.15	6.14	5.98

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

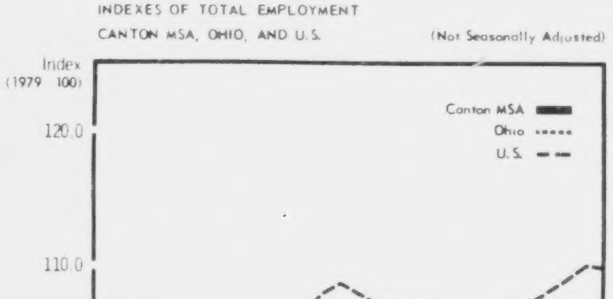
Selected Administrative Program Activities

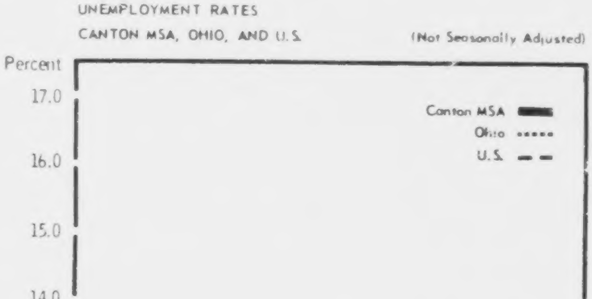
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	2,884	2,937	2,892
Active File of Job Seekers	18,888	19,222	29,024
Referrals to Jobs	1,386	1,664	1,506
Placements	368	482	336
Job Openings Received	706	746	666
Job Openings Unfilled	826	1,564	697
Unemployment Insurance Program			
Initial Claims	1,520	3,364	2,538
Continued Claims	25,137	26,004	20,620
First Payments	1,076	1,674	905
Last Payments	390	461	382
Weeks Compensated	18,938	22,988	17,479
Benefits Paid	$2,709,697	$3,272,019	$2,329,860
Average Weekly Payment	$147.88	$146.70	$137.03

CANTON
METROPOLITAN STATISTICAL AREA



Nonfarm payroll establishments in Canton employed 153,400 in September, up 600 from August. Increases in public school employment and services accounted for the rise. Scattered losses deflated factory employment 100, to 46,000. Production workers in manufacturing worked an average of 39.9 hours per week, up .5 hours from August. They grossed $10.96 per hour, down 2 cents.


INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

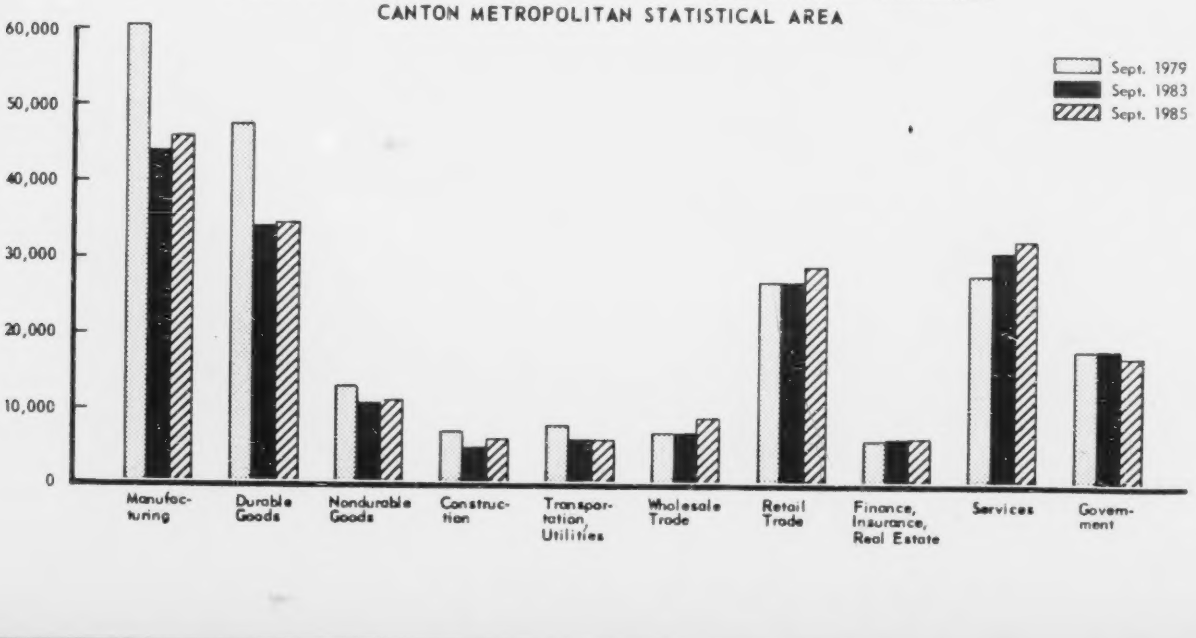
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.6	167.5	8.1	4.6	1974	152.1	62.2	46.9	$210.12	40.1	$ 5.24
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	222.22	39.4	5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.7	422.14	39.6	10.66
184.0	164.2	19.9	10.8	1984	148.7	46.2	33.5	437.53	40.4	10.83
				1984						
188.0	169.3	18.7	9.9	August	150.3	47.0	34.2	428.25	39.8	10.76
184.5	167.1	17.3	9.4	September	150.6	46.7	34.0	438.60	40.8	10.75
185.6	166.8	18.8	10.2	October	150.6	46.7	34.1	434.84	40.3	10.79
184.3	165.1	19.2	10.4	November	150.7	46.8	34.6	439.70	40.6	10.83
183.8	164.1	19.8	10.7	December	150.5	46.5	34.1	431.72	39.9	10.82
				1985						
182.0	162.4	19.6	10.8	January	148.0	46.3	34.1	434.68	40.1	10.84
180.0	160.6	19.4	10.8	February	147.4	46.1	34.0	430.16	39.5	10.89
181.9	161.9	20.0	11.0	March	148.5	46.3	34.1	435.60	40.0	10.89
186.6	165.5	21.1	11.3	April	151.3	46.3	34.1	427.10	39.4	10.84
183.6	166.0	17.7	9.6	May	152.8	46.3	34.1	435.31	39.9	10.91
185.9	166.8	19.1	10.3	June	153.1	46.6	34.3	434.72	39.7	10.95
190.3	168.9	21.4	11.2	July	152.9	46.3	34.0	431.34	39.5	10.92
187.5	168.7	18.8	10.0	August	152.9	46.1	33.7	432.61	39.4	10.98
INA	INA	INA	INA	September	153.4	46.0	33.5	437.30	39.9	10.96

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CANTON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	153.4	152.9	150.6	.6	2.8
MANUFACTURING	46.0	46.1	46.7	- .1	- .7
Durable Goods[e]	34.5	34.6	35.3	- .1	- .8
Primary metal industries	10.9	11.0	11.4	- .1	- .5
Fabricated metal products	7.3	7.3	7.4	.0	- .1
Metal forgings and stampings	2.7	2.7	2.9	.0	- .3
Nondurable Goods[f]	11.5	11.4	11.4	.1	.1
Food and kindred products	4.1	4.0	4.0	.1	.1
Rubber and misc. plastics products	2.8	2.8	2.8	.0	.0
NONMANUFACTURING[g]	107.4	106.8	103.9	.6	3.5
CONSTRUCTION	6.3	6.1	5.9	.2	.3
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.2	6.2	.0	- .1
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.7	8.7	7.8	.0	.9
Wholesale trade-durable goods	5.0	5.0	4.5	.0	.5
RETAIL TRADE	29.1	29.1	27.9	.0	1.3
General merchandise stores	3.6	3.5	3.8	.1	- .1
Food stores	4.7	4.7	4.4	.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.6	6.4	- .1	.1
Banking	1.8	1.8	1.8	- .1	.0
SERVICES	32.8	32.5	31.7	.3	1.1
Health services	13.6	13.6	13.5	.0	.1
GOVERNMENT	16.7	16.3	16.8	.4	- .1
State government (includes education)	1.6	1.6	1.5	.0	.1
Local government	13.8	13.4	14.0	.4	- .3
Local government education	7.6	7.2	7.8	.5	- .1
Local government, except education	6.1	6.2	6.3	- .1	- .1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

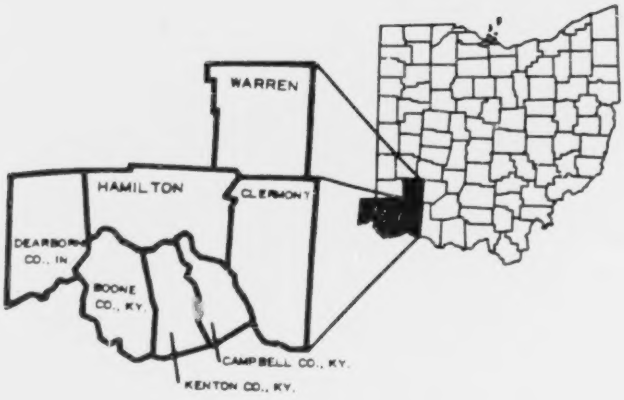
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$437.30	$432.61	$438.60	39.9	39.4	40.8	$10.96	$10.98	$10.75
Durable Goods[e]	452.87	446.01	454.81	39.9	39.4	40.9	11.35	11.32	11.12
Primary metal industries	470.32	463.13	495.30	38.3	37.5	40.9	12.28	12.35	12.11
Fabricated metal products	484.16	488.58	498.00	41.1	41.3	41.5	11.78	11.83	12.00
Metal forgings and stampings	634.03	649.09	608.03	42.1	43.1	43.4	15.06	15.06	14.01
Nondurable Goods[f]	386.68	392.04	387.99	39.7	39.6	40.5	9.74	9.90	9.58
Food and kindred products	406.42	411.84	394.42	40.2	39.6	39.6	10.11	10.40	9.96
Rubber and misc. plastics products	440.91	436.16	464.14	42.6	42.1	44.5	10.35	10.36	10.43
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services ..	518.71	522.08	505.86	41.2	41.6	41.6	12.59	12.55	12.16
WHOLESALE TRADE	340.58	320.11	316.39	36.7	35.1	36.2	9.28	9.12	8.74
RETAIL TRADE[h]	161.27	159.19	159.60	29.7	29.7	29.5	5.43	5.36	5.41

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

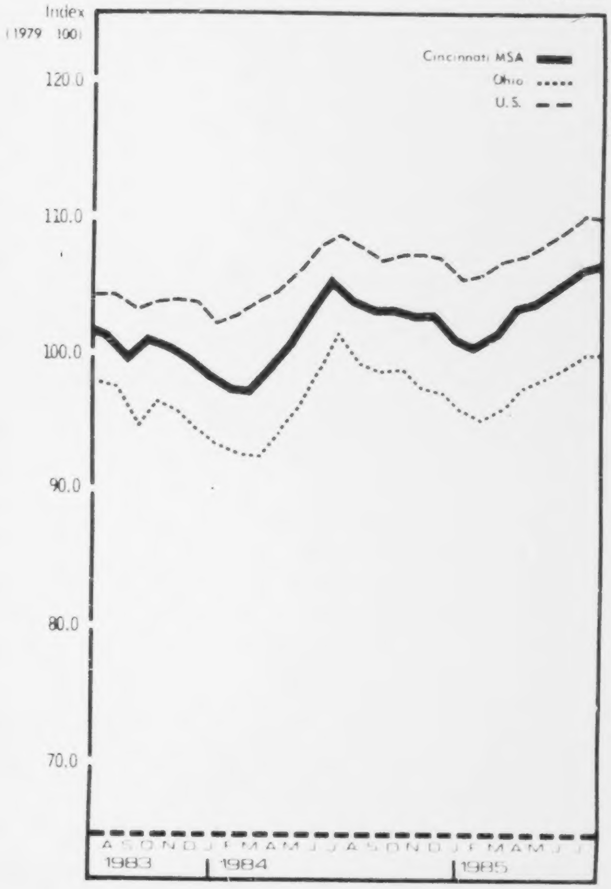
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	2,020	2,750	1,962
Active File of Job Seekers	17,250	17,731	21,984
Referrals to Jobs	1,356	2,066	1,104
Placements	539	882	358
Job Openings Received	699	982	563
Job Openings Unfilled	461	649	317
Unemployment Insurance Program			
Initial Claims	2,561	2,926	2,707
Continued Claims	18,730	19,809	13,235
First Payments	1,004	1,270	784
Last Payments	249	443	263
Weeks Compensated	14,045	17,672	11,475
Benefits Paid	$2,064,054	$2,492,012	$1,499,052
Average Weekly Payment	$151.84	$145.86	$135.65

CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA

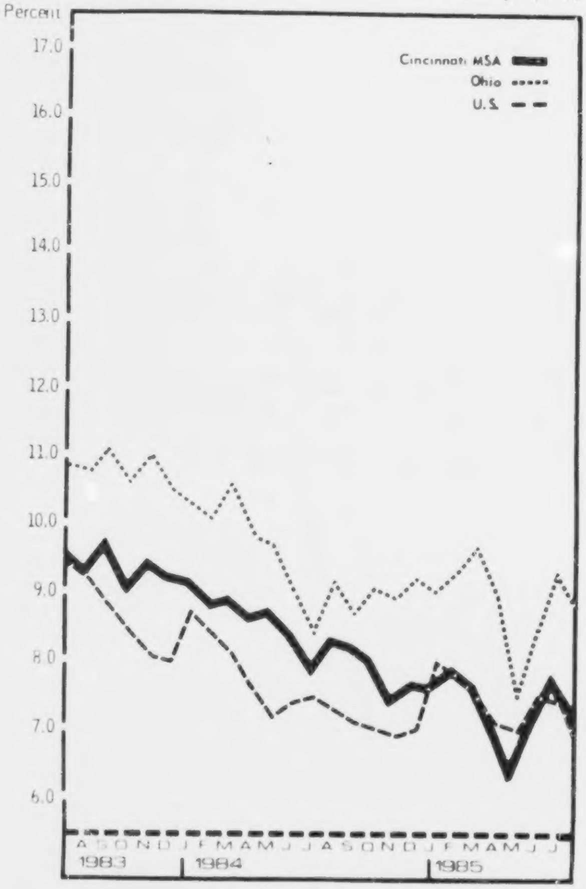

WARREN
HAMILTON
CLERMONT
DEARBORN CO., IN
BOONE CO., KY.
CAMPBELL CO., KY.
KENTON CO., KY.

Cincinnati's nonagricultural wage and salary employment, at 637,200 in September, was up 6,700 from August. Seasonal increases in local government education and retail trade raised nonmanufacturing employment 5,500. Scattered gains in durable-and nondurable-goods industries boosted factory employment 1,200, to 148,800. Manufacturing production workers averaged $10.64 per hour for a workweek of 41.6 hours in September, up 10 cents and .7 hours, respectively, from August.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



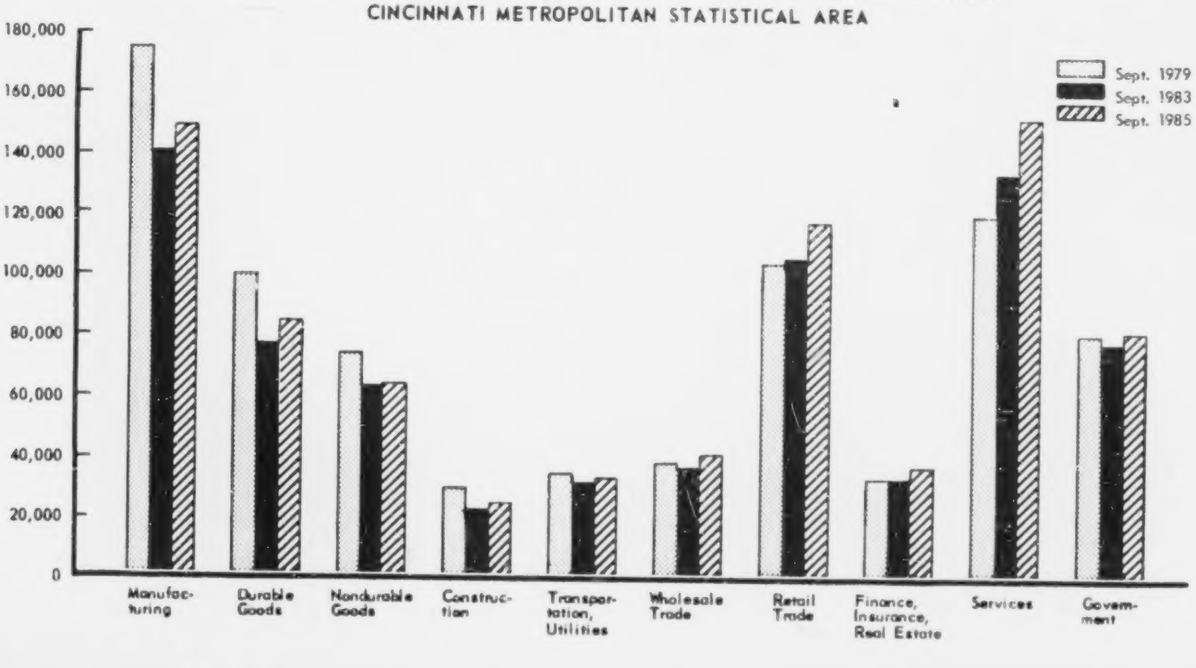
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	569.8	25.5	4.3	1974	542.2	166.6	115.3	$199.55	41.4	$ 4.82
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	211.75	40.8	5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.4	140.4	92.0	415.52	41.1	10.11
692.7	635.3	57.5	8.3	1984	598.1	144.6	96.3	441.41	41.8	10.56
				1984						
708.4	649.8	58.7	8.3	August	602.4	145.9	97.5	441.19	41.7	10.58
704.7	647.0	57.6	8.2	September	606.3	143.6	95.1	443.73	42.1	10.54
703.9	647.8	56.1	8.0	October	607.8	146.1	97.1	444.75	41.8	10.64
695.1	643.8	51.3	7.4	November	609.9	146.1	97.6	461.59	42.7	10.81
698.4	644.7	53.7	7.7	December	612.5	146.0	97.1	465.04	42.9	10.84
				1985						
686.4	634.2	52.3	7.6	January	602.0	144.6	95.7	459.80	42.3	10.87
683.4	629.1	54.2	7.9	February	601.7	144.0	95.2	420.51	38.9	10.81
688.8	636.2	52.5	7.6	March	607.4	145.3	96.2	449.53	41.7	10.78
697.9	649.7	48.2	6.9	April	618.5	145.3	96.2	440.43	41.2	10.69
696.8	653.0	43.8	6.3	May	626.1	145.4	96.1	437.18	41.4	10.56
710.0	659.5	50.5	7.1	June	631.0	146.7	97.3	434.43	41.1	10.57
723.0	666.7	56.3	7.8	July	629.6	146.9	97.1	428.22	40.9	10.47
720.2	668.4	51.8	7.2	August	630.5	147.5	97.5	431.09	40.9	10.54
INA	INA	INA	INA	September	637.2	148.8	98.8	442.62	41.6	10.64

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CINCINNATI METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	637.2	630.5	606.3	6.7	31.0
MANUFACTURING	148.8	147.5	143.6	1.2	5.2
Durable Goods[e]	84.5	83.7	79.0	.8	5.5
Fabricated metal products	9.8	9.6	10.4[j]	.2	- .5
Fabricated structural metal products	3.7	3.6	3.8	.1	- .1
Machinery, except electrical	21.7	21.6	21.7	.1	.1
Metalworking machinery	9.9	9.9	10.0	.0	- .1
General industrial machinery	3.0	3.1	3.3	.0	- .3
Electric and electronic equipment	8.3	8.2	8.5	.1	- .3
Transportation equipment	28.3	28.2	23.1	.0	5.2
Motor vehicles and equipment	9.9	9.9	7.7	.1	2.2
Nondurable Goods[f]	64.3	63.8	64.6	.5	- .3
Food and kindred products	12.7	12.7	13.0	.0	- .2
Beverages	3.9	4.0	4.2	.0	- .2
Apparel and other textile products	3.8	3.8	3.9	.0	- .1
Paper and allied products	5.8	5.8	5.9	.0	- .1
Printing and publishing	12.3	12.1	12.1	.2	.1
Commercial printing	5.2	5.1	5.2	.1	.1
Chemicals and allied products	21.3	21.1	21.1	.2	.2
Rubber and misc. plastics products	5.2	5.1	5.3	.1	- .1
NONMANUFACTURING[g]	488.4	482.9	462.7	5.5	25.8
CONSTRUCTION	25.2	25.1	23.3	.1	1.9
TRANSPORTATION AND PUBLIC UTILITIES	32.7	32.6	32.5	.1	.2
Trucking and warehousing	9.7	9.4	9.4	.3	.3
Communication, electric, gas services	14.1	14.3	14.5	- .2	- .4
WHOLESALE TRADE	41.8	41.8	39.6	.0	2.1
Wholesale trade–durable goods	24.7	24.7	23.2	.0	1.5
RETAIL TRADE	117.5	116.6	110.9	.9	6.6
General merchandise stores	19.4	18.8	18.7	.6	.7
FINANCE, INSURANCE, AND REAL ESTATE	37.0	37.3	35.2	- .3	1.8
Banking	7.8	7.9	7.5	- .1	.3
Insurance carriers	11.3	11.3	11.0	.0	.3
SERVICES	151.8	152.1	142.3	- .4	9.4
Hotels and other lodging places	6.3	6.4	6.4	- .1	- .1
Personal services	7.1	7.1	6.8	.0	.3
Business services	31.3	31.1	28.5	.2	2.8
Amusement and recreation services	11.3	12.8	8.8	- 1.5	2.6
Health services	47.0	47.3	46.2	- .3	.8
GOVERNMENT	82.0	77.0	78.5	5.1	3.6
Federal government	13.1	13.0	12.7	.1	.3
State government	17.5	16.7	17.2	.7	.3
State government education[i]	10.0	9.3	9.9	.7	.1
State government, except education	7.5	7.4	7.3	.0	.2
Local government	51.5	47.3	48.6	4.3	3.0
Local government education	29.5	25.5	27.1	4.0	2.4
Local government, except education	22.1	21.8	21.5	.3	.6

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$442.62	$431.09	$443.73	41.6	40.9	42.1	$10.64	$10.54	$10.54
Durable Goods[e]	445.59	431.26	436.11	41.8	40.8	42.3	10.66	10.57	10.31
Fabricated metal products	411.84	410.45	386.23	42.9	42.8	41.8	9.60	9.59	9.24
Fabricated structural metal products	457.38	447.63	454.87	46.2	46.1	45.9	9.90	9.71	9.91
Machinery, except electrical	407.22	401.64	396.88	41.3	40.9	41.0	9.86	9.82	9.68
Metalworking machinery	452.03	433.95	440.18	41.7	40.9	41.1	10.84	10.61	10.71
General industrial machinery	383.05	389.25	358.67	41.1	41.9	40.3	9.32	9.29	8.90
Electric and electronic equipment	352.35	358.22	337.83	40.5	40.8	41.3	8.70	8.78	8.18
Transportation equipment	621.08	582.74	635.11	43.8	41.3	45.3	14.18	14.11	14.02
Motor vehicles and equipment	672.90	608.69	720.58	44.8	41.1	47.5	15.02	14.81	15.17
Nondurable Goods[f]	440.73	430.91	451.68	41.5	41.0	41.9	10.62	10.51	10.78
Food and kindred products	521.89	489.22	502.39	43.6	41.6	43.8	11.97	11.76	11.47
Beverages	489.63	494.34	471.22	41.6	42.0	42.3	11.77	11.77	11.14
Apparel and other textile products	216.54	205.84	220.82	39.3	37.7	37.3	5.51	5.46	5.92
Paper and allied products	385.70	400.06	408.75	40.6	42.2	43.3	9.50	9.48	9.44
Printing and publishing	421.01	422.76	434.70	39.2	39.4	40.4	10.74	10.73	10.76
Commercial printing	473.21	469.86	497.37	40.9	41.0	43.1	11.57	11.46	11.54
Chemicals and allied products	508.51	500.40	546.09	42.2	41.7	42.3	12.05	12.00	12.91
Rubber and misc. plastics products	365.92	346.93	349.06	43.1	41.4	43.2	8.49	8.38	8.08
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	507.18	509.75	487.83	39.5	39.7	39.5	12.84	12.84	12.35
WHOLESALE TRADE	376.00	375.87	368.92	40.3	40.9	40.9	9.33	9.19	9.02
RETAIL TRADE[h]	164.83	164.46	165.01	30.3	30.4	30.9	5.44	5.41	5.34
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	241.66	233.7[illegible]	232.74	....	....	....	.....	.....	.....

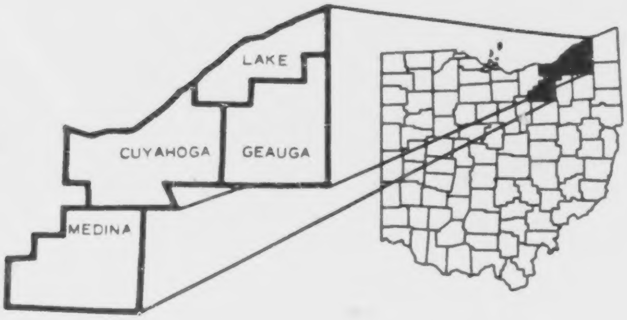
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	4,695	5,142	4,182
Active File of Job Seekers	22,808	23,810	26,363
Referrals to Jobs	2,448	2,341	2,017
Placements	784	511	647
Job Openings Received	1,178	1,447	1,336
Job Openings Unfilled	2,324	2,905	2,968
Unemployment Insurance Program			
Initial Claims	4,293	5,448	5,181
Continued Claims	32,961	40,296	42,796
First Payments	1,460	3,425	3,921
Last Payments	701	812	791
Weeks Compensated	26,172	36,454	36,057
Benefits Paid[a]	$3,592,467	$5,152,779	$5,295,544
Average Weekly Payment[a]	$140.42	$143.77	$143.85

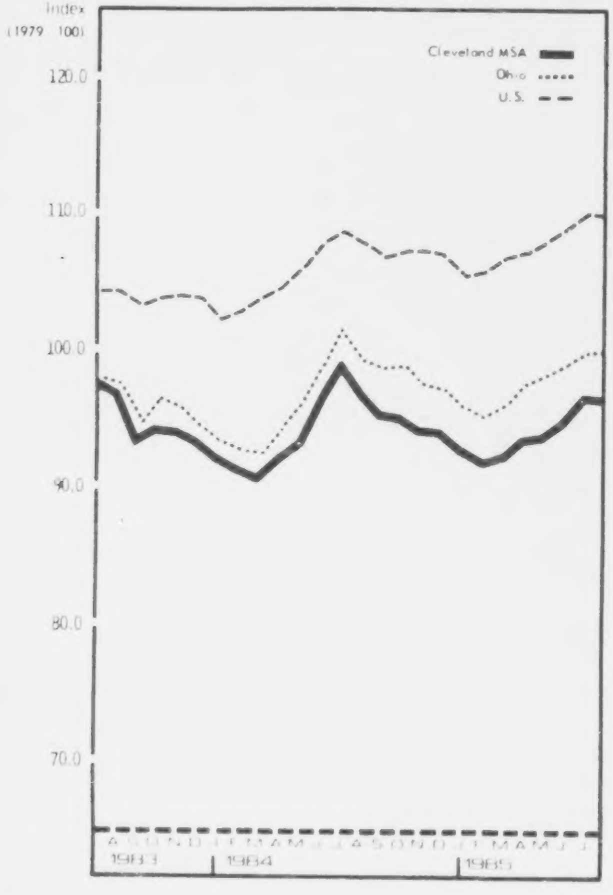
[a] Ohio data only.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

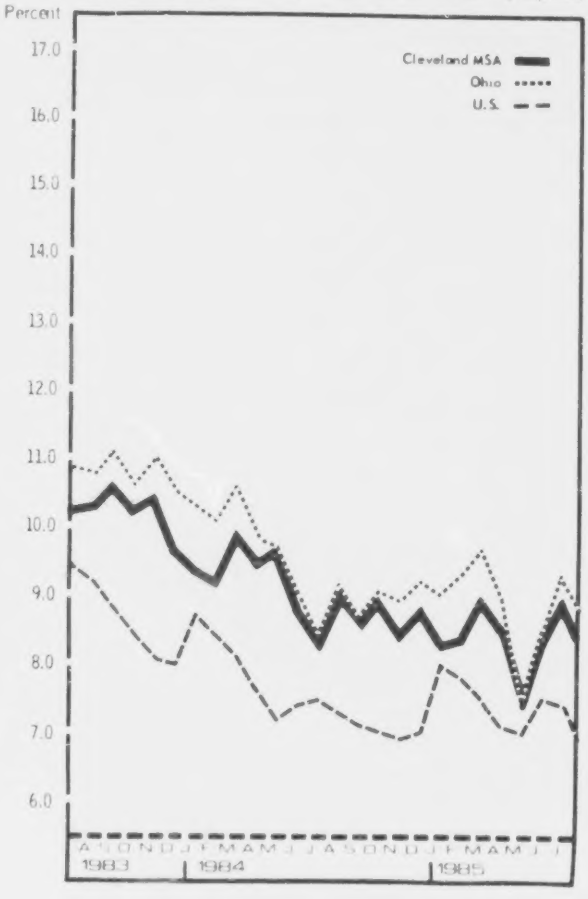


Nonagricultural payroll employment in Cleveland increased 2,100 from August, to 870,700 in September. In nonmanufacturing industries, gains in local government education, services, and retail trade were somewhat negated by a large drop in non-school local government employment. Increases in motor vehicles and equipment and in metal forgings and stampings raised manufacturing employment 600, to 208,800. Factory production workers increased their average hourly earnings 9 cents in September, to $11.27. Their workweek of 41.9 hours was .2 hours above the August level.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND MSA, OHIO AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



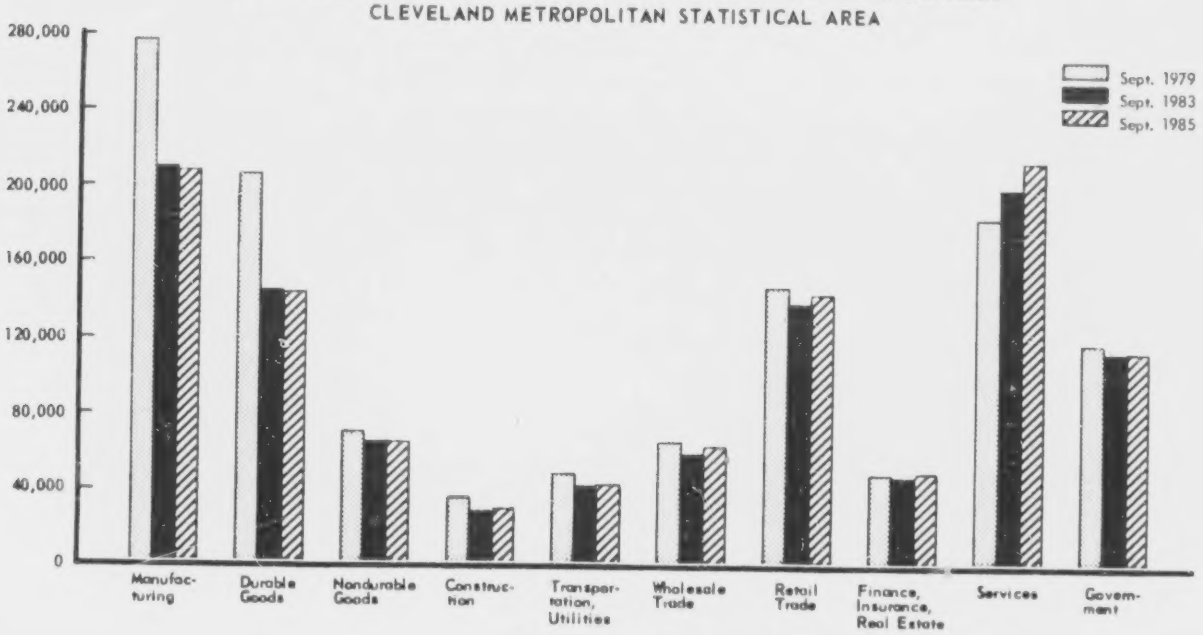
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
899.1	861.4	37.7	4.2	1974	879.2	287.1	199.5	$219.34	42.1	$ 5.21
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	227.45	40.4	5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.5	823.4	105.1	11.3	1983	829.6	207.3	131.9	427.41	40.9	10.45
918.6	836.2	82.4	9.0	1984	849.2	213.2	137.2	456.12	42.0	10.86
				1984						
942.4	857.7	84.7	9.0	August	854.1	212.9	136.2	448.62	41.5	10.81
925.5	846.5	79.0	8.5	September	855.5	214.6	138.4	458.64	42.0	10.92
927.3	845.2	82.1	8.9	October	856.0	214.5	138.6	458.22	42.0	10.91
912.8	837.1	75.7	8.3	November	856.4	214.8	139.2	471.75	42.5	11.10
914.8	835.6	79.2	8.7	December	857.9	214.2	138.3	471.06	42.4	11.11
				1985						
896.2	823.0	73.1	8.2	January	833.7	212.7	137.1	472.64	42.2	11.20
890.7	817.1	73.7	8.3	February	833.7	212.6	137.0	461.90	41.5	11.13
900.6	820.8	79.8	8.9	March	843.6	212.1	136.3	468.00	42.2	11.09
908.9	832.2	76.7	8.4	April	852.2	210.6	134.9	464.82	41.8	11.12
900.2	834.2	66.0	7.3	May	860.5	210.8	135.1	469.14	42.0	11.17
920.7	843.6	77.1	8.4	June	869.1	211.4	135.4	472.22	42.2	11.19
942.8	858.3	84.5	9.0	July	871.5	207.8	133.7	452.76	40.9	11.07
934.3	855.8	78.5	8.4	August	868.6	208.2	132.2	466.21	41.7	11.18
INA	INA	INA	INA	September	870.7	208.8	133.6	472.21	41.9	11.27

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	870.7	868.6	855.5	2.1	15.2
MANUFACTURING	208.8	206.2	214.6	.6	- 5.8
Durable Goods[e]	143.4	142.6	148.8	.8	- 5.4
Primary metal industries	22.5	22.3	23.1	.2	- .6
Blast furnace and basic steel products	10.9	10.9	11.2	.0	- .3
Iron and steel foundries	5.4	5.2	5.6	.2	- .2
Fabricated metal products	33.0	32.9	34.1	.2	- 1.0
Fabricated structural metal products	3.7	3.7	3.7	.0	.0
Screw machine products, bolts, etc.	4.8	4.7	4.8	.1	- .1
Metal forgings and stampings	11.3	11.0	11.8	.3	- .5
Machinery, except electrical	31.8	31.7	34.0	.1	- 2.2
Construction and related machinery	2.9	3.1	4.5	- .1	- 1.6
Metalworking machinery	10.4	10.5	10.7	- .1	- .2
Special industry machinery	3.6	3.6	3.9	.0	- .3
General industrial machinery	2.9	2.9	3.0	.0	- .1
Electric and electronic equipment	18.4	18.4	20.1	.0	- 1.7
Electrical industrial apparatus	7.1	7.1	7.3	.0	- .1
Transportation equipment	19.9	19.5	19.8	.5	.1
Motor vehicles and equipment	12.7	12.3	13.0	.4	- .3
Instruments and related products	8.4	8.4	8.2	.0	.2
Measuring and controlling devices	4.2	4.2	4.0	.0	.2
Nondurable Goods[f]	65.4	65.6	65.8	- .2	- .4
Food and kindred products	7.4	7.3	7.2	.0	.2
Apparel and other textile products	4.7	4.6	5.1	.0	- .4
Paper and allied products	5.7	5.6	5.6	.1	.0
Printing and publishing	15.4	15.6	15.9	- .2	- .6
Chemicals and allied products	14.5	14.5	14.3	.0	.2
Rubber and misc. plastics products	12.1	12.1	12.0	.0	.2
NONMANUFACTURING[g]	661.9	660.4	640.9	1.5	21.0
CONSTRUCTION	31.0	30.8	29.3	.2	1.7
TRANSPORTATION AND PUBLIC UTILITIES	43.3	43.0	42.8	.3	.5
Trucking and warehousing	10.6	10.4	10.8	.2	- .3
Communication, electric, gas services	19.8	19.9	19.6	.0	.3
WHOLESALE TRADE	64.1	64.0	61.9	.1	2.2
Wholesale trade—durable goods	45.4	45.4	43.7	.0	1.7
RETAIL TRADE	144.3	143.9	141.4	.4	2.9
General merchandise stores	20.3	20.0	21.1	.3	- .8
FINANCE, INSURANCE, AND REAL ESTATE	50.3	50.5	48.8	- .3	1.5
Banking	13.5	13.6	12.9	- .1	.6
Credit agencies other than banks	7.8	7.9	7.7	- .1	.0
Insurance carriers	11.5	11.5	11.4	.0	.0
SERVICES	213.5	211.1	203.1	2.4	10.4
Business services	45.0	44.8	40.2	.2	4.8
Amusement and recreation services	10.2	11.0	9.9	- .7	.3
Health services	67.2	67.1	66.3	.1	1.0
GOVERNMENT	114.3	116.1	112.4	- 1.8	1.9
Federal government	20.1	20.1	19.6	.0	.5
State government	7.4	7.4	7.3	- .1	.0
State government education[i]	2.3	2.3	2.3	.1	.0
State government, except education	5.0	5.2	5.0	- .1	.1
Local government	86.8	88.5	85.5	- 1.7	1.3
Local government education	41.5	39.3	41.2	- 2.1	.3
Local government, except education	45.3	49.2	44.3	- 3.8	1.0

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

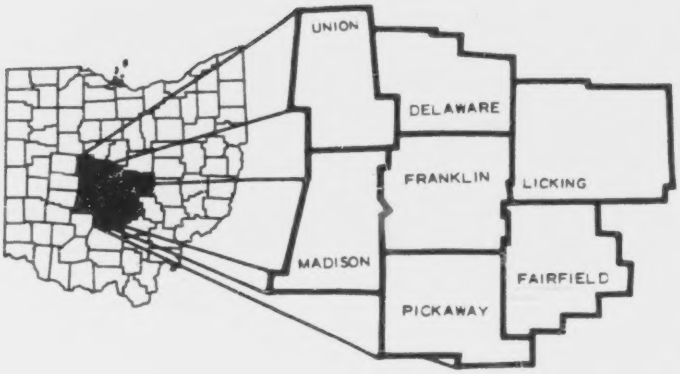
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$472.21	$466.21	$458.64	41.9	41.7	42.0	$11.27	$11.18	$10.92
Durable Goods[e]	503.37	496.78	489.05	42.3	42.1	42.6	11.90	11.80	11.48
Primary metal industries	577.49	567.84	559.86	42.4	42.0	43.0	13.62	13.52	13.02
Blast furnace and basic steel products	507.53	507.53	490.31	37.1	37.1	37.4	13.68	13.68	13.11
Iron and steel foundries	873.60	847.36	775.58	52.0	51.7	49.4	16.80	16.39	15.70
Fabricated metal products	488.62	491.77	457.63	42.6	43.1	42.1	11.47	11.41	10.87
Fabricated structural metal products	386.68	402.83	363.01	41.4	42.9	40.2	9.34	9.39	9.03
Screw machine products, bolts, etc.	411.27	413.97	430.08	41.5	41.9	44.8	9.91	9.88	9.60
Metal forgings and stampings	631.68	638.37	[illegible]	44.8	45.5	43.0	14.10	14.03	13.24
Machinery, except electrical	475.15	467.08	449.35	43.0	42.5	41.8	11.05	10.99	10.75
Construction and related machinery	403.94	405.72	459.35	41.6	41.4	40.4	9.71	9.80	11.37
Metalworking machinery	388.66	399.02	396.01	39.7	40.8	39.8	9.79	9.78	9.95
Special industry machinery	506.86	521.09	457.78	43.1	43.9	39.6	11.76	11.87	11.56
General industrial machinery	444.44	448.06	422.86	42.9	43.0	42.8	10.36	10.42	9.88
Electric and electronic equipment	408.18	395.85	422.71	39.9	39.0	41.2	10.23	10.15	10.26
Electrical industrial apparatus	424.95	428.49	444.75	40.9	40.5	41.8	10.39	10.58	10.64
Transportation equipment	652.40	639.02	653.80	44.9	44.5	46.6	14.53	14.36	14.03
Motor vehicles and equipment	703.61	703.34	719.71	45.6	46.0	48.4	15.43	15.29	14.87
Instruments and related products	404.07	402.82	364.42	41.7	41.7	40.9	9.69	9.66	8.91
Measuring and controlling devices	384.99	398.98	373.10	41.0	42.4	41.0	9.39	9.41	9.10
Nondurable Goods[f]	393.46	389.50	380.70	40.9	40.7	40.5	9.62	9.57	9.40
Food and kindred products	369.00	373.27	401.85	41.0	41.2	42.3	9.00	9.06	9.50
Apparel and other textile products	283.83	263.12	274.38	38.2	36.8	38.7	7.43	7.15	7.09
Paper and allied products	444.19	440.06	422.73	43.0	42.6	42.7	10.33	10.33	9.90
Printing and publishing	385.40	398.24	372.05	37.6	38.0	36.8	10.25	10.48	10.11
Chemicals and allied products	479.12	467.84	479.68	42.4	42.3	42.6	11.30	11.06	11.26
Rubber and misc. plastics products	374.07	374.98	342.78	42.8	43.2	41.6	8.74	8.68	8.24
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	556.10	548.88	537.10	41.5	41.3	41.0	13.40	13.29	13.10
WHOLESALE TRADE	373.43	370.00	356.84	39.6	39.7	39.3	9.43	9.32	9.08
RETAIL TRADE[h]	178.75	178.06	177.16	28.6	29.0	28.9	6.25	6.14	6.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	268.26	268.56	252.28	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

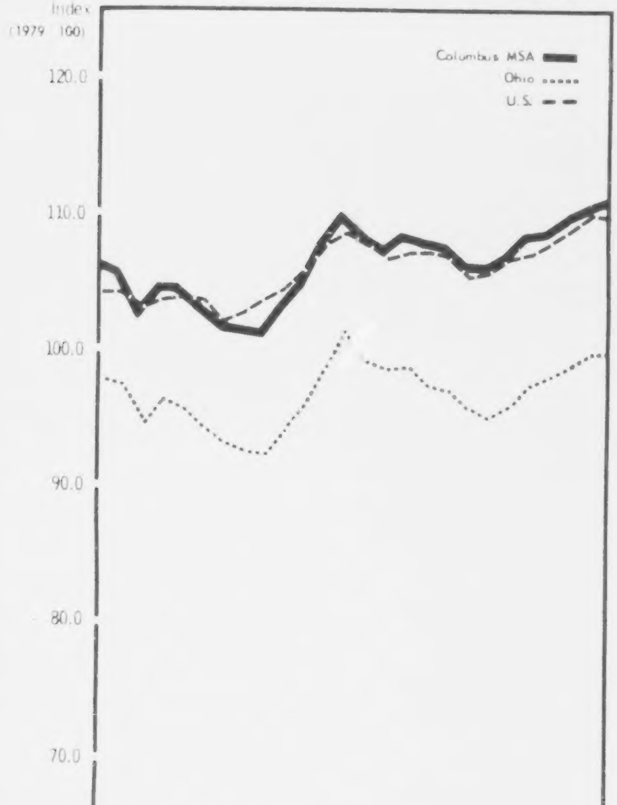
Selected Administrative Program Activities

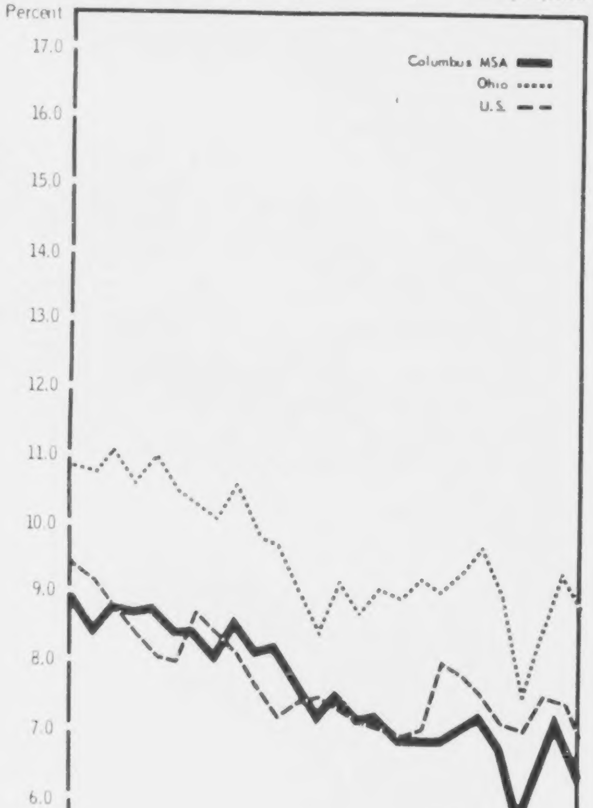
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	10,277	8,842	9,429
Active File of Job Seekers	~~86,365~~	89,894	79,641
Referrals to Jobs	5,634	5,327	6,599
Placements	5,747	1,401	4,607
Job Openings Received	4,724	4,157	5,621
Job Openings Unfilled	3,273	5,020	2,879
Unemployment Insurance Program			
Initial Claims	8,345	8,137	6,873
Continued Claims	71,426	79,230	63,437
First Payments	3,134	4,254	2,707
Last Payments	1,342	1,526	1,455
Weeks Compensated	54,103	68,612	50,537
Benefits Paid	$7,840,829	$9,891,884	$7,184,108
Average Weekly Payment	$147.49	$146.45	$145.28

COLUMBUS
METROPOLITAN STATISTICAL AREA



Nonfarm wage and salary employment in Columbus, at 609,500 in September, was up 7,700 from August. Seasonal gains in public and private schools and colleges accounted for most of the increase. Scattered increases in durable-goods industries raised manufacturing employment 1,000, to 105,300. Manufacturing production workers earned $10.89 per hour in September, up 12 cents from August. Their average workweek of 41.7 hours, was up .8 hours.


INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

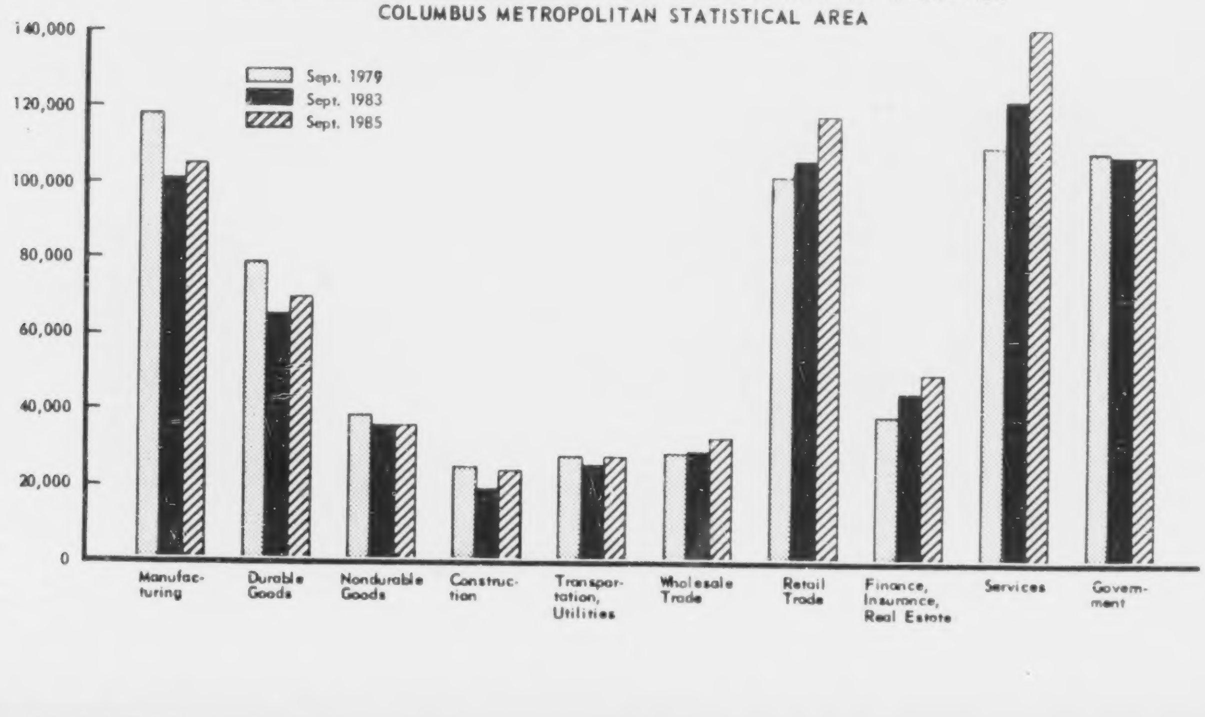
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	501.8	119.4	INA	INA	INA	INA
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.6	587.4	60.2	9.3	1983	548.3	98.7	INA	INA	INA	INA
660.9	611.3	49.6	7.5	1984	574.6	104.5	69.2	$426.06	40.5	$10.52
				1984						
674.5	624.9	49.7	7.4	August	575.0	105.3	70.1	424.20	40.4	10.50
667.3	620.5	46.8	7.0	September	579.9	106.1	71.3	425.17	40.3	10.55
675.2	627.2	48.0	7.1	October	587.5	105.8	71.4	421.45	40.1	10.51
667.9	623.1	44.8	6.7	November	590.7	106.1	72.5	441.25	41.2	10.71
665.3	621.0	44.3	6.7	December	591.6	106.0	70.9	447.44	41.7	10.73
				1985						
654.6	610.8	43.8	6.7	January	578.0	105.9	70.8	428.79	40.3	10.64
655.6	610.5	45.1	6.9	February	582.1	105.8	70.9	409.32	37.9	10.80
662.6	615.7	47.0	7.1	March	586.8	105.6	70.5	452.45	41.7	10.85
670.1	626.1	44.1	6.6	April	594.1	105.2	70.2	441.72	40.9	10.80
664.5	627.7	36.8	5.5	May	599.8	105.1	70.3	433.76	40.5	10.71
678.0	634.8	43.3	6.4	June	605.3	104.4	69.6	442.65	41.1	10.77
686.7	637.6	49.1	7.2	July	598.2	103.9	69.1	439.42	40.8	10.77
685.0	641.5	43.5	6.3	August	601.8	104.3	69.7	440.49	40.9	10.77
INA	INA	INA	INA	September	609.5	105.3	70.6	454.11	41.7	10.89

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	609.5	601.8	579.9	7.7	29.6
MANUFACTURING	105.3	104.3	106.1	1.0	-.8
Durable Goods[e]	69.5	68.7	70.0	.8	-.5
Stone, clay, and glass products	11.3	11.0	12.6	.3	-1.2
Glass and glassware, pressed or blown	4.3	4.2	5.3	.1	-1.1
Fabricated metal products	10.4	10.4	10.7	.0	-.3
Fabricated structural metal products	3.2	3.2	3.1	.0	.1
Machinery, except electrical	10.1	10.1	11.0	.0	-.9
Electric and electronic equipment	11.4	11.4	12.0	.0	-.6
Transportation equipment	15.6	15.1	13.0	.5	2.6
Instruments and related products	3.9	3.9	4.0	.0	-.1
Nondurable Goods[f]	35.8	35.6	36.1	.2	-.2
Food and kindred products	9.7	9.7	10.2	.0	-.5
Printing and publishing	9.4	9.3	9.1	.1	.3
Chemicals and allied products	6.6	6.6	6.7	.0	-.1
Rubber and misc. plastics products	5.1	5.1	5.2	.0	-.1
NONMANUFACTURING[g]	504.2	497.5	473.8	6.7	30.4
CONSTRUCTION	24.2	23.9	21.1	.3	3.1
TRANSPORTATION AND PUBLIC UTILITIES	27.9	27.7	27.3	.2	.6
Trucking and warehousing	12.1	11.9	11.3	.2	.8
Communication, electric, gas services	11.6	11.8	12.1	-.1	-.4
WHOLESALE TRADE	33.4	33.1	31.2	.2	2.2
Wholesale trade-durable goods	21.5	21.3	20.2	.1	1.3
RETAIL TRADE	118.4	116.9	110.1	1.5	8.4
General merchandise stores	16.0	15.7	15.5	.3	.5
FINANCE, INSURANCE, AND REAL ESTATE	50.4	50.5	47.1	-.1	3.3
Banking	10.5	10.4	9.5	.1	1.0
Insurance carriers	19.4	19.5	18.9	-.1	.5
SERVICES	140.7	139.4	129.1	1.3	11.6
Business services	30.9	30.6	26.7	.3	4.2
Health services	35.5	35.4	34.1	.1	1.4
GOVERNMENT	108.1	104.8	106.8	3.3	1.3
Federal government	15.2	15.5	15.0	-.3	.2
State government	46.2	45.7	45.3	.4	.9
State government education[h]	17.7	17.0	17.3	.8	.4
State government, except education	28.4	28.8	27.9	-.4	.5
Local government	46.7	43.6	46.6	3.1	.1
Local government education	26.6	23.3	27.1	3.3	-.5
Local government, except education	20.1	20.3	19.5	-.2	.6

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

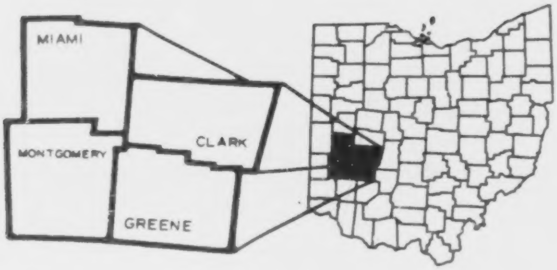
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$454.11	$440.49	$425.17	41.7	40.9	40.3	$10.89	$10.77	$10.55
Durable Goods[e]	471.63	456.85	439.43	41.7	40.9	40.5	11.31	11.17	10.85
Stone, clay, and glass products	480.65	479.98	455.31	41.4	41.2	40.4	11.61	11.65	11.27
Glass and glassware, pressed or blown	442.95	429.95	425.57	40.9	39.7	38.9	10.83	10.83	10.94
Fabricated metal products	492.89	475.99	453.17	40.5	40.1	39.1	12.17	11.87	11.59
Fabricated structural metal products	380.05	386.71	385.67	38.9	39.5	40.3	9.77	9.79	9.57
Machinery, except electrical	413.09	405.81	407.06	40.9	40.5	41.2	10.10	10.02	9.88
Electric and electronic equipment	459.95	459.26	448.33	41.4	41.6	41.9	11.11	11.04	10.70
Transportation equipment	547.99	508.38	525.64	44.3	41.5	42.7	12.37	12.25	12.31
Instruments and related products	373.82	374.22	339.59	40.5	40.5	37.4	9.23	9.24	9.08
Nondurable Goods[f]	414.50	402.29	390.65	41.7	40.8	39.7	9.94	9.86	9.84
Food and kindred products	418.62	391.15	351.34	42.2	40.2	37.1	9.92	9.73	9.47
Printing and publishing	457.30	466.49	465.31	38.3	39.3	39.4	11.94	11.87	11.81
Chemicals and allied products	490.14	476.82	460.24	42.4	41.9	41.5	11.56	11.38	11.09
Rubber and misc. plastics products	346.37	335.75	321.14	43.9	42.5	42.2	7.89	7.90	7.61
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	545.71	540.27	530.54	41.0	40.5	41.0	13.31	13.34	12.94
WHOLESALE TRADE	296.07	294.52	304.15	38.5	38.2	39.5	7.69	7.71	7.70
RETAIL TRADE[h]	170.79	171.50	161.59	29.6	30.3	28.6	5.77	5.66	5.65
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	238.51	236.91	241.41	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

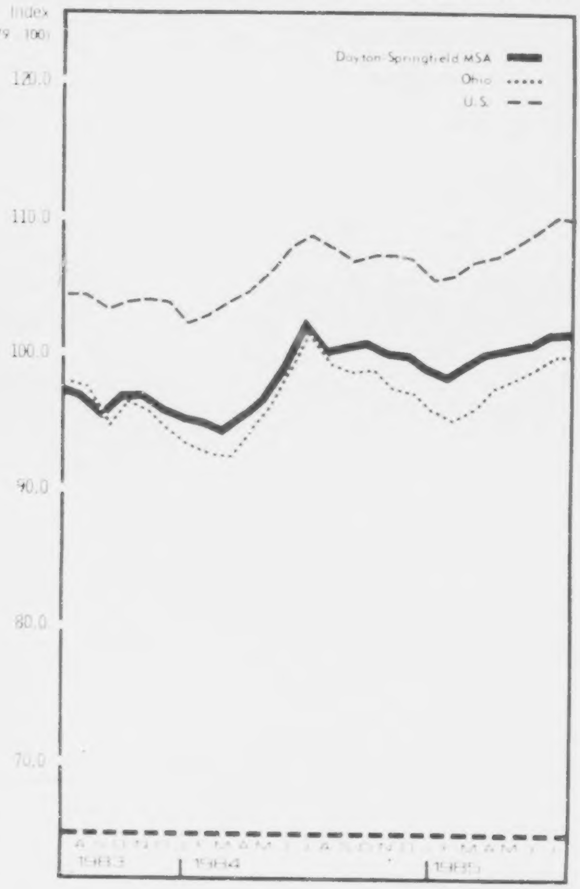
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	6,159	6,380	5,320
Active File of Job Seekers	32,521	33,320	42,935
Referrals to Jobs	3,393	3,425	4,064
Placements	1,065	749	1,739
Job Openings Received	2,892	3,358	3,310
Job Openings Unfilled	8,059	7,712	7,309
Unemployment Insurance Program			
Initial Claims	3,908	4,954	4,151
Continued Claims	33,223	37,325	32,840
First Payments	1,550	2,439	1,484
Last Payments	528	790	733
Weeks Compensated	25,913	32,146	27,617
Benefits Paid	$3,624,640	$4,410,745	$3,624,694
Average Weekly Payment	$143.06	$140.37	$135.45

DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA

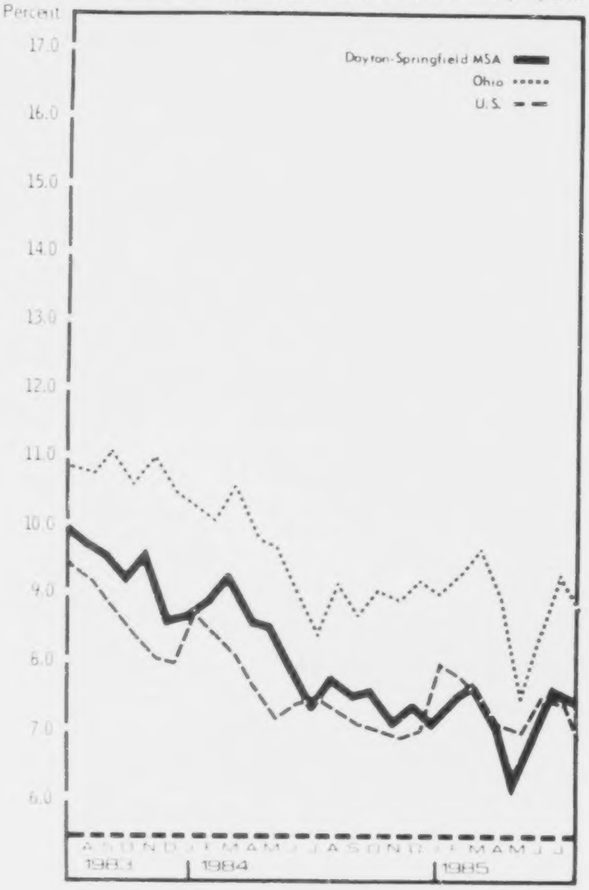


September nonagricultural wage and salary employment in the Dayton-Springfield area increased 6,800 from August, to 411,800. Most of the gain occurred in nonmanufacturing industries due chiefly to seasonal upturns in local government education, private schools, and educational services. Increases in transportation equipment, and rubber and miscellaneous plastics products helped raise manufacturing employment 800, to 106,200. Production workers in factories grossed $11.97 per hour in September, up 16 cents from August. They had an average workweek of 43.3 hours, up .7 hours.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



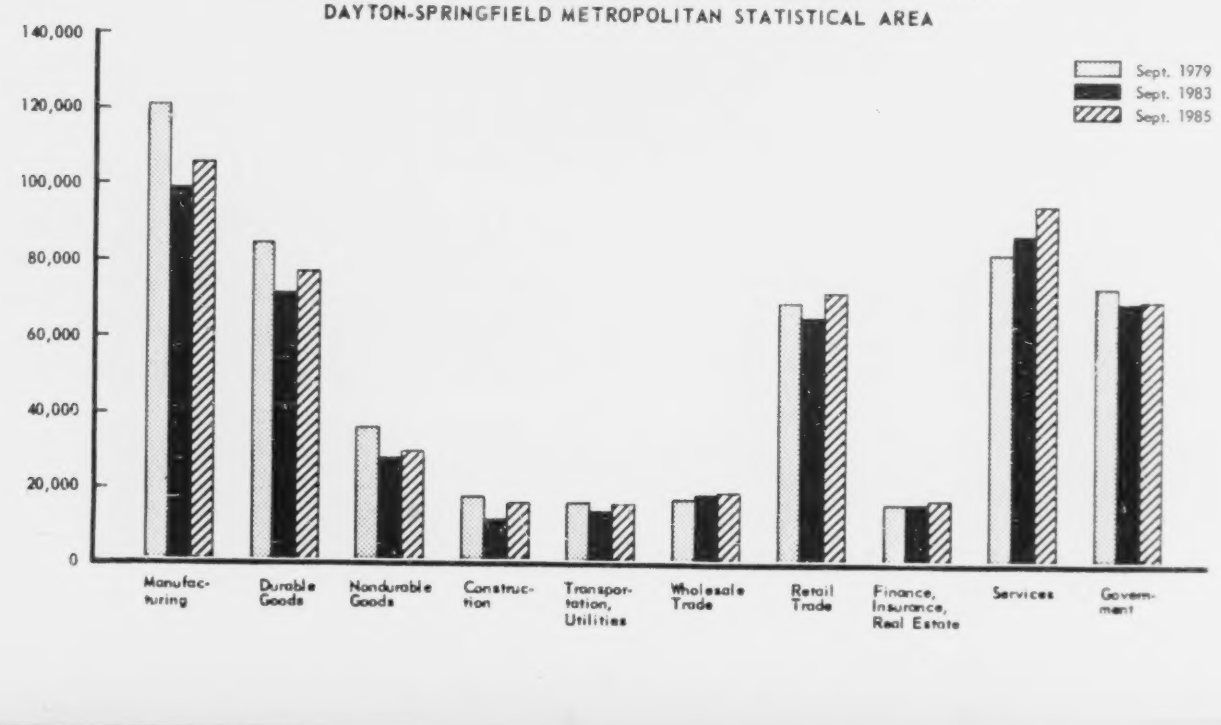
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	376.6	128.1	INA	INA	INA	INA
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.4	391.9	46.5	10.6	1983	372.3	95.5	INA	INA	INA	INA
444.5	409.2	35.3	7.9	1984	391.6	103.4	67.7	$480.99	42.9	$11.21
				1984						
451.3	416.4	34.9	7.7	August	390.4	103.8	67.3	475.45	42.3	11.24
452.1	418.6	33.5	7.4	September	398.5	105.2	68.9	486.60	43.1	11.29
453.7	419.7	34.0	7.5	October	400.4	105.0	68.9	469.69	42.2	11.13
448.1	416.5	31.5	7.0	November	401.9	105.4	69.2	492.91	43.2	11.41
448.1	415.3	32.7	7.3	December	402.5	105.4	69.1	517.73	44.1	11.74
				1985						
442.4	411.5	30.9	7.0	January	396.4	105.0	68.9	509.95	43.4	11.75
441.6	409.0	32.7	7.4	February	396.7	105.2	69.1	482.70	40.7	11.86
447.2	413.2	34.0	7.6	March	400.5	106.2	69.9	505.13	43.1	11.72
448.3	417.5	30.8	6.9	April	403.0	105.8	69.4	511.49	43.2	11.84
444.8	418.3	26.5	6.0	May	406.6	105.9	69.4	507.40	43.0	11.80
450.4	419.4	31.0	6.9	June	406.7	105.9	69.0	543.23	44.6	12.18
459.3	424.4	34.9	7.6	July	404.4	105.5	68.1	537.03	44.2	12.15
458.8	424.7	34.1	7.4	August	405.0	105.4	68.0	503.11	42.6	11.81
INA	INA	INA	INA	September	411.8	106.2	69.0	518.30	43.3	11.97

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	411.8	405.0	398.5	6.8	13.3
MANUFACTURING	106.2	105.4	105.2	.8	1.1
Durable Goods[e]	76.5	76.2	76.3	.3	.3
Fabricated metal products	8.2	8.3	8.0	- .1	.2
Machinery, except electrical	31.3	31.2	32.3	.0	- 1.1
Metalworking machinery	6.8	6.8	6.7	.0	.1
General industrial machinery	2.8	2.8	3.0	.0	- .1
Electric and electronic equipment	5.4	5.4	5.6	.0	- .2
Electrical industrial apparatus	3.1	3.1	3.0	.0	.1
Transportation equipment	21.9	21.6	20.7	.3	1.2
Nondurable Goods[f]	29.7	29.2	28.9	.5	.8
Food and kindred products	3.0	3.0	2.9	.0	.2
Paper and allied products	5.7	5.7	5.6	.1	.1
Printing and publishing	8.2	8.2	8.0	.0	.1
Rubber and misc. plastics products	9.0	8.8	8.7	.2	.3
NONMANUFACTURING[g]	305.6	299.6	293.3	5.9	12.2
CONSTRUCTION	16.4	16.3	13.9	.1	2.5
TRANSPORTATION AND PUBLIC UTILITIES	16.1	16.0	15.4	.0	.7
Communication, electric, gas services	6.6	6.6	6.8	- .1	- .2
WHOLESALE TRADE	19.0	19.0	18.3	.0	.6
Wholesale trade-durable goods	13.4	13.3	12.8	.1	.5
RETAIL TRADE	72.0	71.6	67.5	.5	4.5
General merchandise stores	10.9	10.6	11.2	.3	- .3
FINANCE, INSURANCE, AND REAL ESTATE	16.7	16.8	16.4	- .2	.3
Banking	4.1	4.2	4.0	.0	.1
Credit agencies other than banks	4.5	4.5	4.1	.1	.4
Insurance carriers	2.9	3.0	3.5	- .1	- .6
SERVICES	94.9	92.7	91.0	2.3	4.0
Business services	19.2	19.0	17.4	.3	1.8
Educational services	7.7	5.5	7.3	2.3	.5
GOVERNMENT	70.1	67.0	70.4	3.2	- .3
Federal government	27.8	27.9	26.7	- .1	1.1
State government	5.4	5.5	5.6	.0	- .2
State government education[i]	2.7	2.8	3.0	.0	- .3
State government, except education	2.7	2.7	2.6	.0	.1
Local government	36.9	33.6	38.1	3.3	- 1.1
Local government education	22.3	18.6	23.2	3.8	- .9
Local government, except education	14.6	15.0	14.8	- .4	- .2

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

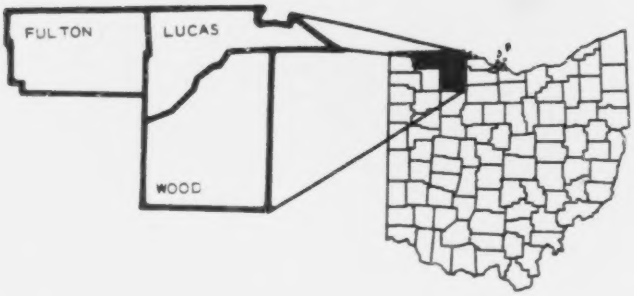
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$518.30	$503.11	$486.60	43.3	42.6	43.1	$11.97	$11.81	$11.29
Durable Goods[e]	530.18	512.74	497.64	43.6	42.8	43.5	12.16	11.98	11.44
Fabricated metal products	359.48	366.27	347.36	40.3	41.2	41.6	8.92	8.89	8.35
Machinery, except electrical	550.73	544.36	541.63	44.2	43.9	44.8	12.46	12.40	12.09
Metalworking machinery	528.07	523.71	517.54	46.2	45.5	45.8	11.43	11.51	11.30
General industrial machinery	435.14	457.00	382.78	41.8	43.4	39.3	10.41	10.53	9.74
Electric and electronic equipment	397.25	394.98	344.40	42.9	42.7	41.0	9.26	9.25	8.40
Electrical industrial apparatus	447.00	441.78	384.14	44.7	44.4	42.4	10.00	9.95	9.06
Transportation equipment	665.55	621.78	641.09	45.0	43.0	44.8	14.79	14.46	14.31
Nondurable Goods[f]	484.93	472.34	459.31	42.5	41.8	42.1	11.41	11.30	10.91
Food and kindred products	380.03	380.97	435.98	41.9	41.5	44.9	9.07	9.18	9.71
Paper and allied products	434.58	434.83	411.65	44.3	44.1	43.7	9.81	9.86	9.42
Printing and publishing	436.61	423.46	428.33	39.8	40.1	40.6	10.97	10.56	10.55
Rubber and misc. plastics products	623.81	595.11	562.59	43.2	41.5	42.3	14.44	14.34	13.30
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	537.72	532.88	507.32	40.4	40.4	40.2	13.31	13.19	12.62
WHOLESALE TRADE	364.90	370.53	375.08	41.0	41.4	41.4	8.90	8.95	9.06
RETAIL TRADE[h]	162.06	162.54	160.11	29.9	30.1	28.9	5.42	5.40	5.54

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

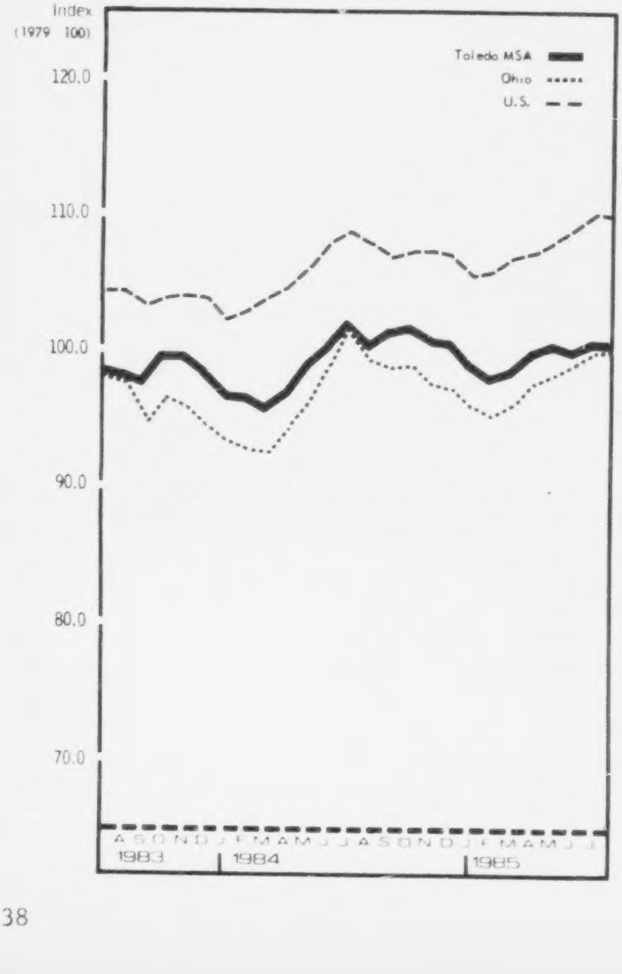
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	2,897	3,470	2,501
Active File of Job Seekers	20,853	21,734	25,243
Referrals to Jobs	1,390	2,431	1,430
Placements	309	1,098	319
Job Openings Received	1,133	2,049	1,009
Job Openings Unfilled	1,830	1,866	1,992
Unemployment Insurance Program			
Initial Claims	3,188	4,845	3,795
Continued Claims	22,127	26,032	20,630
First Payments	1,161	1,850	1,259
Last Payments	377	528	395
Weeks Compensated	16,994	23,371	17,147
Benefits Paid	$2,218,131	$3,116,815	$2,167,776
Average Weekly Payment	$133.42	$135.73	$129.52

TOLEDO
METROPOLITAN STATISTICAL AREA

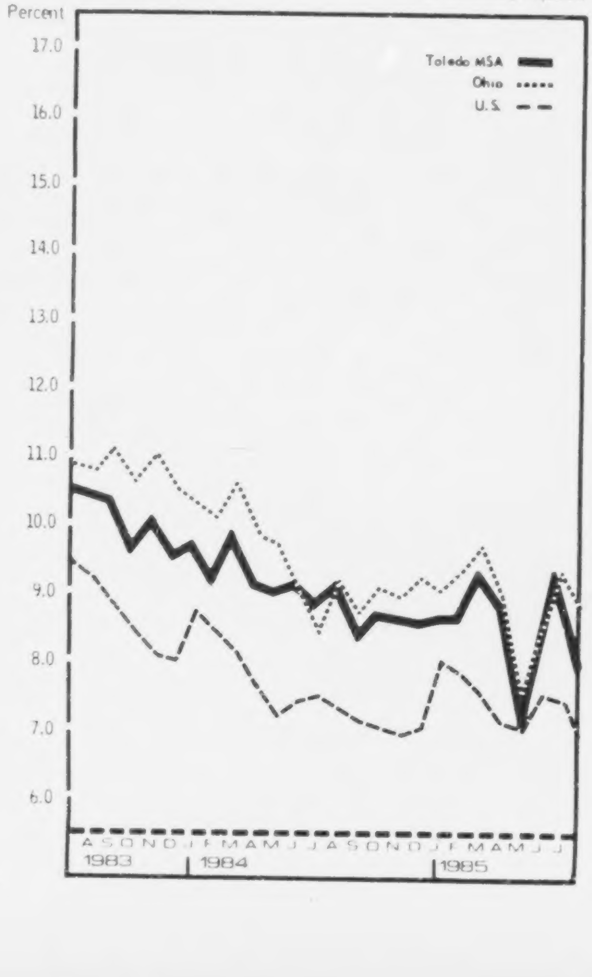


Nonagricultural establishments in Toledo employed 267,900 in September, up 6,700 from August. An increase in services, along with seasonal increases in state and local government education, accounted for much of the growth. Gains in durable goods, especially in motor vehicles and equipment, boosted manufacturing employment 1,200 in September, to 67,500. The average hourly earnings of manufacturing production workers increased 10 cents from August, to $12.43. The average workweek, at 43.1 hours, remained unchanged.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



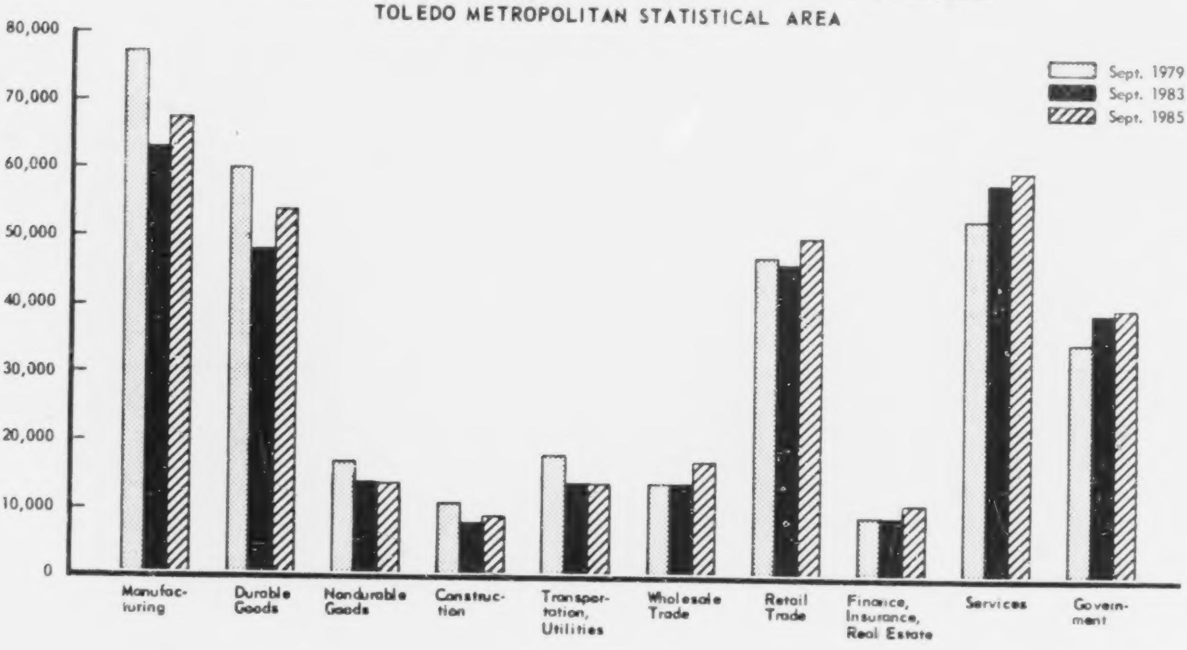
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	251.6	78.8	INA	INA	INA	INA
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.1	256.1	33.0	11.4	1983	244.9	59.6	INA	INA	INA	INA
291.3	265.1	26.2	9.0	1984	255.5	64.8	45.7	$502.42	43.2	$11.63
				1984						
294.8	268.1	26.7	9.1	August	252.4	65.2	45.7	491.84	42.4	11.60
295.6	270.9	24.7	8.3	September	259.7	66.4	47.2	506.04	43.4	11.66
297.8	271.8	26.0	8.7	October	261.1	65.6	46.6	515.96	43.8	11.78
294.5	269.0	25.5	8.6	November	261.5	65.0	46.4	516.35	43.5	11.87
293.9	268.8	25.0	8.5	December	262.5	65.1	45.4	533.05	44.2	12.06
				1985						
289.4	264.5	24.9	8.6	January	256.6	65.1	45.6	529.48	43.4	12.20
285.7	261.2	24.6	8.6	February	255.2	64.3	44.8	507.55	41.5	12.23
290.6	263.6	27.0	9.3	March	257.6	64.5	44.9	519.23	42.7	12.16
293.0	267.5	25.5	8.7	April	260.3	64.8	45.4	507.83	41.9	12.12
288.7	268.5	20.2	7.0	May	263.1	64.8	45.3	513.15	42.2	12.16
290.4	266.9	23.5	8.1	June	260.9	64.6	45.1	517.65	42.5	12.18
296.2	268.6	27.6	9.3	July	258.6	63.7	44.2	517.37	42.2	12.26
294.9	271.6	23.3	7.9	August	261.2	66.3	46.[illegible]	531.42	43.1	12.33
INA	INA	INA	INA	September	267.7	67.5	48.1	535.73	43.1	12.43

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES TOLEDO METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	267.9	261.2	259.7	6.7	8.2
MANUFACTURING	67.5	66.3	66.4	1.2	1.0
Durable Goods[e]	53.6	52.5	51.7	1.1	1.9
Stone, clay, and glass products	9.5	9.5	9.6	.0	- .1
Primary metal industries	3.7	3.5	3.6	.1	.1
Fabricated metal products	7.5	7.5	7.8	- .1	- .3
Metal forgings and stampings	3.6	3.6	3.7	.1	.0
Machinery, except electrical	5.9	5.9	6.2	.0	- .2
Electric and electronic equipment	3.1	3.1	3.2	.0	- .1
Transportation equipment	20.0	19.1	17.4	.9	2.6
Motor vehicles and equipment	18.9	18.0	16.2	.9	2.7
Nondurable Goods[f]	13.9	13.8	14.8	.1	- .9
Food and kindred products	4.4	4.3	4.4	.1	.0
Rubber and misc. plastics products	2.6	2.5	2.8	.0	- .2
NONMANUFACTURING[g]	200.4	194.9	193.3	5.5	7.1
CONSTRUCTION	9.1	8.9	8.7	.2	.4
TRANSPORTATION AND PUBLIC UTILITIES	14.1	14.1	14.5	- .1	- .4
Trucking and warehousing	5.6	5.7	5.7	- .1	- .1
Communication, electric, gas services	4.8	4.8	5.0	.0	- .2
WHOLESALE TRADE	16.8	16.9	15.5	- .1	1.3
Wholesale trade-durable goods	11.6	11.7	10.5	- .1	1.0
RETAIL TRADE	49.8	49.3	47.5	.5	2.3
General merchandise stores	7.1	6.9	7.2	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	10.1	.0	.7
Banking	3.6	3.6	3.3	.0	.2
SERVICES	59.8	59.2	57.5	.6	2.3
Business services	11.3	11.2	10.2	.1	1.1
Health services	24.1	24.2	23.8	.0	.3
GOVERNMENT	39.8	35.4	39.2	4.4	.5
State government	13.7	11.0	13.4	2.7	.3
State government education[i]	9.8	7.1	9.6	2.7	.2
State government, except education	3.9	3.9	3.8	.0	.1
Local government	23.5	21.8	23.4	1.8	.1
Local government education	13.3	11.2	13.2	2.1	.1
Local government, except education	10.2	10.5	10.2	- .3	.0

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

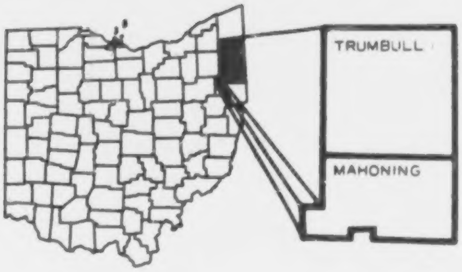
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$535.73	$531.42	$506.04	43.1	43.1	43.4	$12.43	$12.33	$11.66
Durable Goods[e]	565.07	561.15	533.14	43.4	43.5	43.7	13.02	12.90	12.20
Stone, clay, and glass products	539.90	540.82	474.00	43.4	43.3	40.0	12.44	12.49	11.85
Primary metal industries	512.80	516.78	501.49	45.3	46.1	47.4	11.32	11.21	10.58
Fabricated metal products	486.72	459.60	450.17	41.6	40.0	41.3	11.70	11.49	10.90
Metal forgings and stampings	564.96	534.56	523.30	42.8	40.9	42.1	13.20	13.07	12.43
Machinery, except electrical	437.78	437.43	435.49	41.3	41.7	40.7	10.60	10.49	10.70
Electric and electronic equipment	490.77	479.40	493.11	41.0	40.8	42.4	11.97	11.75	11.63
Transportation equipment	683.10	688.10	654.65	45.0	45.6	46.2	15.18	15.09	14.17
Motor vehicles and equipment	686.25	691.30	659.81	45.0	45.6	46.4	15.25	15.16	14.22
Nondurable Goods[f]	417.00	412.17	417.22	41.7	41.3	42.4	10.00	9.98	9.84
Food and kindred products	423.29	427.14	438.70	42.8	42.8	42.8	9.89	9.98	10.25
Rubber and misc. plastics products	323.20	329.27	343.54	40.0	40.6	44.1	8.08	8.11	7.79
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services ..	572.33	561.85	549.83	43.0	42.5	42.1	13.31	13.22	13.06
WHOLESALE TRADE	332.57	327.60	312.56	37.2	36.4	36.6	8.94	9.00	8.54
RETAIL TRADE[h]	157.10	158.83	155.33	29.2	29.8	28.5	5.38	5.33	5.45

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

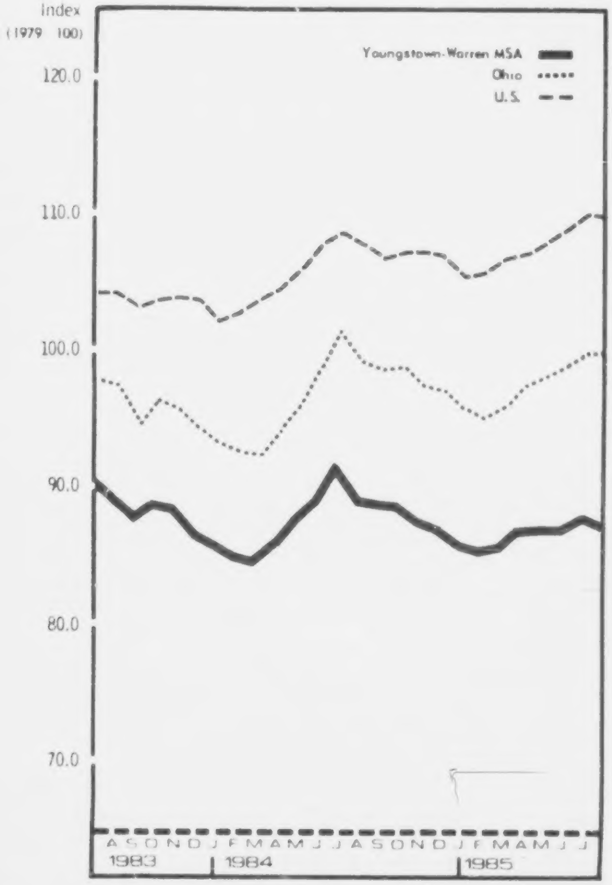
Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	2,760	4,225	3,055
Active File of Job Seekers	24,947	25,660	32,277
Referrals to Jobs	2,092	2,346	2,227
Placements	662	1,035	899
Job Openings Received	1,064	1,553	1,376
Job Openings Unfilled	1,890	2,008	1,999
Unemployment Insurance Program			
Initial Claims	3,204	3,141	3,211
Continued Claims	18,426	22,831	18,902
First Payments	842	1,336	891
Last Payments	312	496	392
Weeks Compensated	13,605	19,825	15,873
Benefits Paid	$1,824,688	$2,660,678	$2,193,761
Average Weekly Payment	$137.74	$137.57	$142.89

YOUNGSTOWN - WARREN
METROPOLITAN STATISTICAL AREA

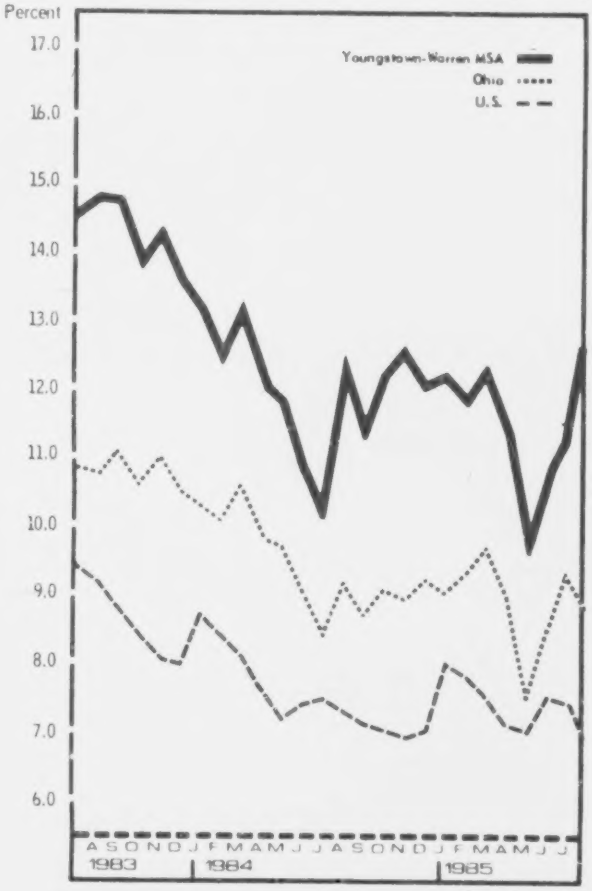


Nonfarm payroll employment in Youngstown-Warren increased 5,600 from August, to 186,600 in September. Gains in local government schools and transportation equipment were largely responsible for the increase. Manufacturing employment was up 3,600, to 53,200, due to increased employment in transportation equipment industries. Factory production workers averaged $13.12 per hour in September, up 22 cents. Their average workweek was up .8 hours, to 42.3 hours.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



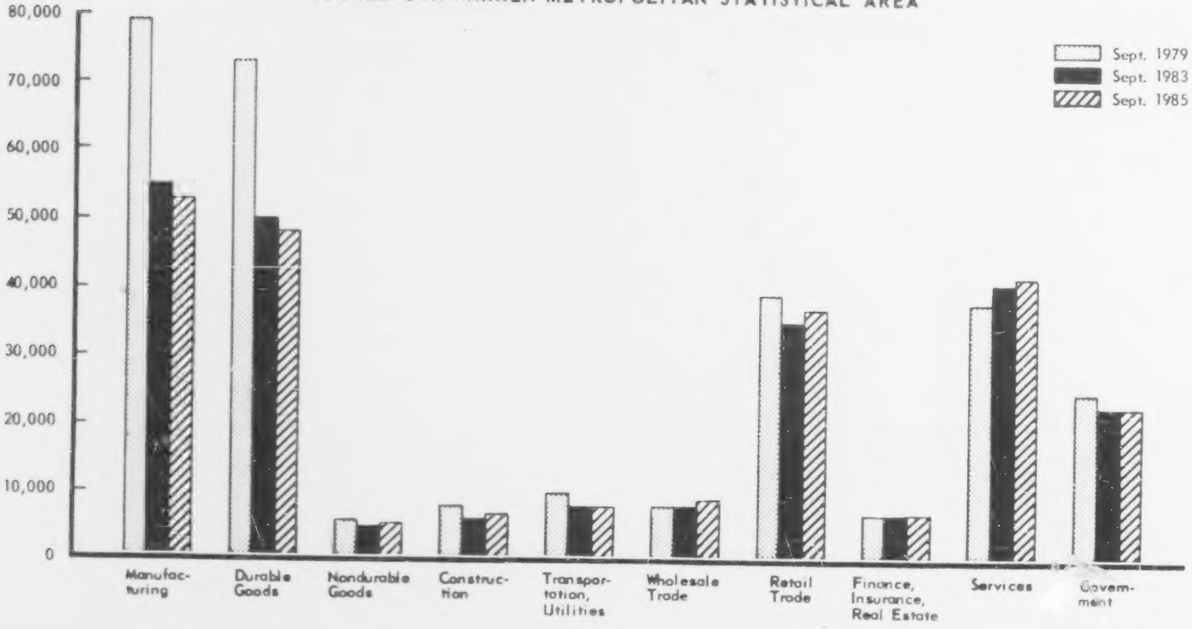
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	*Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	223.7	13.0	5.5	1974	213.5	92.0	74.2	$236.06	40.7	$ 5.80
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	246.65	38.6	6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.4	16.6	1983	177.4	52.8	39.2	521.20	42.1	12.38
218.1	191.9	26.2	12.0	1984	182.3	55.2	41.8	555.97	43.3	12.84
				1984						
223.0	195.1	27.9	12.5	August	181.6	54.8	41.5	532.56	42.2	12.62
219.4	194.6	24.8	11.3	September	184.0	55.1	41.9	558.54	43.5	12.84
221.5	194.4	27.1	12.2	October	184.2	54.4	41.5	546.99	42.7	12.81
220.1	192.3	27.8	12.6	November	184.2	54.4	41.5	539.33	42.3	12.75
217.2	191.2	26.0	12.0	December	184.0	54.0	41.2	563.30	43.0	13.10
				1985						
214.6	188.4	26.1	12.2	January	180.1	53.8	41.0	585.20	44.0	13.30
212.3	187.2	25.1	11.8	February	180.0	53.4	40.8	552.02	42.3	13.05
214.8	188.4	26.4	12.3	March	181.4	53.6	41.1	558.99	42.9	13.03
215.4	191.0	24.4	11.3	April	183.2	53.7	41.1	551.59	42.3	13.04
212.1	191.7	20.4	9.6	May	185.2	53.0	40.4	579.88	43.6	13.30
215.2	191.8	23.3	10.8	June	184.9	53.1	40.3	563.68	42.8	13.17
218.1	193.4	24.7	11.3	July	183.7	52.5	39.8	569.67	42.8	13.31
219.3	191.7	27.6	12.6	August	181.1	49.7	37.1	535.35	41.5	12.90
INA	INA	INA	INA	September	186.6	53.2	40.2	554.98	42.3	13.12

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	September 1985[b]	August 1985[c]	September 1984[c]	From Last Month	From Last Year
TOTAL	186.6	181.1	184.0	5.6	2.6
MANUFACTURING	53.2	49.7	55.1	3.6	- 1.9
Durable Goods[e]	47.7	44.2	49.5	3.5	- 1.8
Primary metal industries	20.3	19.9	22.2	.4	- 2.0
Blast furnace and basic steel products	6.6	6.6	8.0	.0	- 1.5
Fabricated metal products	8.2	8.1	8.2	.1	- .1
Machinery, except electrical	3.7	3.8	3.8	- .1	- .1
Electric and electronic equipment	2.5	2.5	2.8	.0	- .3
Transportation equipment	9.6	6.5	8.7	3.0	.8
Nondurable Goods[f]	5.6	5.5	5.6	.1	.0
NONMANUFACTURING[g]	133.4	131.4	128.9	2.0	4.5
CONSTRUCTION	6.8	7.0	6.4	- .1	.5
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.2	7.9	.4	- .3
Communication, electric, gas services	3.1	3.1	3.2	.0	- .2
WHOLESALE TRADE	9.2	9.2	8.4	.0	.8
Wholesale trade-durable goods	5.9	5.9	5.5	.0	.4
RETAIL TRADE	37.1	37.2	35.7	.0	1.4
General merchandise stores	5.7	5.6	5.8	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.5	7.2	- .1	.2
Banking	2.5	2.5	2.5	.0	.0
SERVICES	41.7	41.7	40.4	.0	1.3
Health services	17.6	17.6	17.8	.1	- .1
GOVERNMENT	22.9	21.1	22.2	1.8	.7
State government	2.9	3.0	2.9	.0	.0
State government education[1]	1.4	1.4	1.5	.0	.0
State government, except education	1.5	1.6	1.5	- .1	.0
Local government	18.1	16.2	17.4	1.9	.7
Local government education	11.3	9.2	10.7	2.0	.6
Local government, except education	6.8	6.9	6.7	- .1	.1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1985[b]	August 1985[c]	September 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]	Sep. 1985[b]	Aug. 1985[c]	Sep. 1984[c]
MANUFACTURING	$554.98	$535.35	$558.54	42.3	41.5	43.5	$13.12	$12.90	$12.84
Durable Goods[e]	572.90	554.69	576.41	42.5	41.8	43.8	13.48	13.27	13.16
Primary metal industries	583.64	573.47	590.01	40.9	40.3	42.6	14.27	14.23	13.85
Blast furnace and basic steel products	488.24	487.51	536.02	36.6	36.6	40.7	13.34	13.32	13.17
Fabricated metal products	545.61	543.43	565.94	40.9	41.2	43.4	13.34	13.19	13.04
Machinery, except electrical	461.22	465.53	446.80	40.6	40.8	39.4	11.36	11.41	11.34
Electric and electronic equipment	400.92	402.09	418.54	39.0	39.0	40.4	10.28	10.31	10.36
Transportation equipment	723.23	710.05	726.85	48.9	48.6	50.9	14.79	14.61	14.28
Nondurable Goods[f]	368.28	354.25	354.82	39.9	39.1	39.6	9.23	9.06	8.96
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	522.65	520.61	515.75	40.8	40.8	40.9	12.81	12.76	12.61
WHOLESALE TRADE	308.92	305.41	326.40	37.4	37.2	38.4	8.26	8.21	8.50
RETAIL TRADE[h]	165.84	167.51	167.61	29.3	29.7	29.2	5.66	5.64	5.74

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	September 1985	August 1985	September 1984
Employment Service Program			
New Applicants	3,244	3,154	2,544
Active File of Job Seekers	28,909	30,117	35,305
Referrals to Jobs	2,438	2,504	1,854
Placements	1,311	748	1,021
Job Openings Received	1,537	960	1,145
Job Openings Unfilled	655	699	742
Unemployment Insurance Program			
Initial Claims	3,693	6,839	3,997
Continued Claims	21,151	29,001	21,427
First Payments	1,492	3,369	1,674
Last Payments	320	481	344
Weeks Compensated	16,948	23,315	18,967
Benefits Paid	$2,460,564	$3,590,728	$2,851,880
Average Weekly Payment	$149.82	$157.72	$154.76

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	44
Manufacturing	63
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	46
Wholesale Trade	22
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark. Employment data for 1984 will be revised at the next benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	September 1985	August 1985	September 1984
New Applicants	51,962	56,106	46,916
Active File of Job Seekers	348,495	361,912	436,848
Counseling Interviews	2,002	2,685	1,728
Tests Administered	2,513	4,577	1,753
General Aptitude Tests ..	164	438	147
Proficiency Tests	529	962	741
Specific Aptitude Tests ..	878	1,384	784
Referrals to Jobs	30,531	36,230	29,759
Placements	14,408	11,817	13,105
Job Openings Received	18,254	21,019	19,549
Job Openings Unfilled	24,831	29,780	26,099

Selected Unemployment Insurance Activities

Activity	September 1985	August 1985	September 1984
Initial Claims	55,043	63,459	51,292
Continued Claims	405,502	453,228	366,262
First Payments	21,463	30,248	20,577
Last Payments	6,937	8,968	7,323
Average Weekly Claimants ..	97,235	105,357	91,270
Average Weekly Benefit Recipients	79,968	84,370	73,552
Weeks Compensated	319,871	395,890	302,211
Benefits Paid	$45,097,370	$54,334,167	$42,051,937
Average Weekly Payment	$149.16	$145.88	$143.16
Continued Claims for Survey Week	97,442	104,067	90,666
Insured Unemployment Rate .	2.4	2.6	2.4
Net Contributions	$4,500,017	$167,964,857	$5,253,369
Active Employer Accounts ..	189,940	189,912	189,338

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A WORKING
OHIO
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12/13/85 S6270-1

Ohio
Labor
Market
Information

Labor Market Review

October 1985

Summary. The seasonally adjusted unemployment rate for Ohio in October was 9.2 percent, down from 9.4 percent in September. The national rate, at 7.1 percent, was unchanged from last month. One year ago, the Ohio rate was 9.4 percent, while the national rate was 7.3 percent. The number of unemployed Ohioans increased slightly in October; the unadjusted unemployment rate remained at 9.0 percent. Total employment in Ohio increased 28,000 from last month, to 4,756,000. Nonagricultural wage and salary employment rose .4 percent, to 4,435,200.

Factory Employment. There were 1,111,400 manufacturing workers in Ohio in October, down 900 from September. The loss was concentrated in nondurable goods, with large layoffs in food and kindred products (as the canning season ended). A strike in industrial organic chemicals accounted for important employment losses in that industry. Employment in motor vehicles and equipment rose significantly with the settlement of labor-management disputes.

Factory Hours and Earnings. Production workers in Ohio earned an average of $482.35 per week in October, up $2.96 from September, and up $21.87 from October 1984. The average workweek of 42.2 hours was unchanged from last month. A large gain in earnings occurred in motor vehicles and equipment due to increased overtime and an increase in the proportion of higher paid workers. Reduced overtime in iron and steel foundries, general industrial machinery, and miscellaneous plastics products partially offset the increase in the motor vehicles sector.

Nonmanufacturing. Nonmanufacturing employment in Ohio rose 18,400 in October, to 3,323,800. The reopening of schools and colleges after summer recesses accounted for most of the increase. Gains also occurred in wholesale trade, in department stores, and in trucking and warehousing. Services had reduced employment due primarily to the seasonal closing of amusement parks. Finance, insurance, and real estate also recorded employment losses in October.

Over the Year. The unadjusted unemployment rate in Ohio slipped from 9.1 percent in October 1984 to 9.0 percent in October 1985. The number of unemployed declined from 474,000 one year ago, to the current figure of 470,000. Total employment rose .8 percent over the year, while nonagricultural wage and salary employment increased 2.5 percent. Nonmanufacturing industries gained 131,600 employees since last October. All major divisions, except mining, had greater employment. The largest advances occurred in services and retail trade. Manufacturing employment, however, fell 23,300 from October 1984. Primary metals, nonelectrical machinery, and electric and electronic equipment had the greatest losses. Only transportation equipment and lumber and wood products gained employment over the year.

Benefits and Costs. There were 68,175 initial claims filed under the Ohio Unemployment Compensation Law in October. This was an increase of 23.9 percent from September, but a decrease of 11.8 percent from October 1984. The average weekly number of benefit recipients was 77,356, down 2,612 from last month, and up 5,767 from last October. Total benefits paid in October were $53.0 million, up 13.8 percent from September. The average unemployment check, at $149.52, was 36¢ higher than in September. At the end of October there were 189,817 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services handled 62,980 new job applicants in October, up 21.2 percent from September. There were 19,722 new job openings received from employers, an increase of 8.0 percent. The Employment Services Division made 36,492 job referrals and 10,598 placements.

SAVE MONEY, HIRE A VET

The Emergency Veterans' Job Training Program (EVJTA) was created to help industry fill permanent positions that involve significant training of at least six months to Korean conflict and Vietnam-era veterans.

* Employers are provided with 50 percent of the starting wage, up to $10,000 per veteran, when they hire and train veterans in a growth industry or a technologv-based or demand occupation.

* Training will be funded for between six and nine months.

* Half the cost of training, up to $10,000, paid directly to the employer, is invoiced quarterly. Small businesses can arrange to invoice monthly.

Contact your nearest local OBES office for further information.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1974	4,710	4,485	225	4.8	5.6
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,100	4,479	621	12.2	9.6
1984	5,099	4,618	481	9.4	7.5
1984					
October .	5,193	4,719	474	9.1	7.0
November.	5,114	4,659	456	8.9	6.9
December.	5,104	4,634	470	9.2	7.0
1985					
January .	5,022	4,568	454	9.0	8.0
February.	5,001	4,536	465	9.3	7.8
March ...	5,069	4,578	491	9.7	7.5
April ...	5,110	4,657	454	8.9	7.1
May	5,066	4,684	382	7.5	7.0
June	5,157	4,716	440	8.5	7.5
July	5,249	4,761	488	9.3	7.4
August ..	5,218	4,761	457	8.8	6.9
September	5,195	4,728	466	9.0	6.9
October .	5,226	4,756	470	9.0	6.8

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.6	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,886.0
1978	4,394.9	1,377.2	3,017.7
1979	4,484.8	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.7	1,232.6	3,085.1
1982	4,124.3	1,099.9	3,024.4
1983	4,091.7	1,066.0	3,025.7
1984	4,248.0	1,125.1	3,122.9
1984			
October .	4,326.9	1,134.6	3,192.2
November.	4,330.2	1,133.6	3,196.6
December.	4,332.8	1,130.5	3,202.3
1985			
January .	4,241.1	1,126.3	3,114.8
February.	4,242.3	1,122.5	3,119.9
March ...	4,273.6	1,123.5	3,150.2
April ...	4,320.2	1,120.7	3,199.5
May	4,371.1	1,120.2	3,250.9
June	4,392.3	1,121.1	3,271.2
July	4,363.4	1,111.1	3,252.3
August ..	4,365.2	1,109.3	3,255.9
September	4,417.7	1,112.3	3,305.4
October .	4,435.2	1,111.4	3,323.8

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.2	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	130.8	198.5	222.5	711.0	207.0	873.3	656.1
1984	27.6	142.9	205.7	235.9	740.9	211.5	903.8	654.5
1984								
October .	28.0	160.3	208.9	240.0	752.2	213.1	920.7	669.2
November.	27.7	154.8	207.9	240.1	762.6	213.1	917.3	673.2
December.	27.1	144.9	208.5	240.8	777.1	213.9	917.0	673.0
January .	27.0	126.7	203.5	239.3	739.5	213.8	907.4	657.7
February.	26.5	121.8	203.9	240.2	729.6	214.4	912.9	670.6
March ...	26.7	127.9	204.7	242.2	737.7	215.1	920.7	675.3
April ...	26.7	139.9	206.9	244.7	755.3	216.6	935.8	673.6
May	27.1	150.8	208.9	246.4	769.9	218.1	952.1	677.7
June	27.4	158.7	210.2	248.9	778.7	221.1	964.1	662.0
July	27.7	165.3	209.9	250.0	781.6	222.7	964.8	630.3
August ..	27.5	169.3	208.6	251.0	786.8	222.7	966.4	623.7
September	27.5	169.8	209.8	251.2	791.2	222.3	976.7	656.9
October .	27.5	169.9	210.2	252.4	793.5	221.4	972.6	676.3

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1974	1,416.6	1,013.1	403.5	1,028.7	$217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	956.0	271.2	40.2
1978	1,377.2	974.5	402.7	988.5	302.5	41.5
1979	1,382.3	980.5	401.8	977.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.6	301.9	35.2
1981	1,238.6	866.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.0	723.6	342.4	721.6	315.5	30.5
1984	1,125.1	771.8	353.3	780.4	361.8	33.0
1984						
October .	1,134.6	777.4	357.2	786.6	363.1	33.0
November.	1,133.6	777.8	355.8	788.6	373.4	33.6
December.	1,130.5	776.0	354.5	784.2	378.6	33.6
1985						
January .	1,126.3	774.5	351.7	780.6	373.1	33.0
February.	1,122.5	772.2	350.3	777.1	353.2	31.0
March ...	1,123.5	772.1	351.3	777.5	373.2	33.0
April ...	1,120.7	770.3	350.4	774.6	366.9	32.5
May	1,120.2	770.0	350.2	773.6	368.1	32.5
June	1,121.1	769.6	351.5	773.6	372.1	32.7
July	1,111.1	763.1	348.0	763.3	360.6	31.8
August ..	1,109.3	756.3	353.0	761.9	357.1	31.8
September	1,112.3	757.6	354.7	765.7	361.1	32.3
October .	1,111.4	761.5	350.8	765.6	367.3	32.3

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1974	$211.36	$216.94	$196.17	41.2	41.4	40.7	$ 5.13	$ 5.24	$ 4.82
1975	224.47	228.35	211.85	40.3	40.3	40.2	5.57	5.66	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	304.91	316.83	279.30	42.1	42.3	41.5	7.24	7.49	6.73
1979	325.36	335.30	297.78	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	409.82	414.80	375.95	40.1	40.0	40.4	10.22	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1984	463.61	482.38	417.83	42.3	42.5	41.7	10.96	11.35	10.02
1984									
October .	460.48	477.10	417.49	41.9	42.1	41.5	10.99	11.38	10.06
November.	473.71	495.58	423.10	42.6	42.9	41.9	11.12	11.55	10.10
December.	489.05	506.18	426.72	42.9	43.3	42.0	11.26	11.69	10.16
1985									
January .	477.99	500.12	420.43	42.3	42.6	41.3	11.30	11.74	10.18
February.	454.46	472.40	411.93	39.9	40.0	39.8	11.39	11.81	10.35
March ...	479.97	501.30	424.70	42.4	42.7	41.4	11.32	11.74	10.26
April ...	476.28	497.45	424.48	42.0	42.3	41.3	11.34	11.76	10.29
May	475.86	498.20	421.67	42.0	42.4	41.0	11.33	11.75	10.26
June	480.95	502.25	429.11	42.3	42.6	41.5	11.37	11.79	10.34
July	472.46	490.31	426.11	41.7	41.8	41.2	11.33	11.73	10.34
August ..	469.54	489.61	422.91	41.3	41.7	41.3	11.29	11.69	10.24
September	479.34	500.74	431.54	42.2	42.4	41.8	11.36	11.81	10.30
October .	482.35	505.33	424.56	42.2	42.5	41.3	11.43	11.89	10.28

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.3	138.2	167.1	92.9	145.3	62.8	64.7	91.0
1984									
October .	53.4	106.1	139.3	168.7	94.0	146.9	63.7	65.4	92.4
November.	52.7	105.4	139.8	169.9	93.1	148.0	62.6	65.2	92.5
December.	51.9	104.1	139.5	169.4	93.3	149.5	62.5	64.8	92.2
1985									
January .	50.7	104.3	139.1	168.7	93.7	150.1	61.7	64.3	91.8
February.	50.1	104.1	138.7	168.4	93.2	150.1	60.7	64.3	91.4
March ...	50.2	103.7	138.0	168.8	92.3	150.9	61.0	64.7	91.5
April ...	51.2	102.7	137.7	168.1	90.5	151.6	60.5	64.7	90.9
May	51.1	102.3	138.5	166.9	89.3	152.4	60.0	64.8	91.0
June	51.4	101.3	138.7	165.8	89.4	153.0	61.9	64.5	90.6
July	51.1	100.7	136.2	164.4	88.6	152.3	61.9	64.6	87.7
August ..	51.6	96.5	135.2	162.4	88.7	151.7	64.7	64.8	89.5
September	51.8	96.0	137.1	162.2	88.1	152.0	65.1	64.9	90.4
October .	51.7	96.4	136.9	161.5	88.0	156.0	62.5	64.9	90.6
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1974	$194.21	$246.03	$213.62	$219.05	$184.61	$244.91	$204.89	$211.14	$199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	307.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	357.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	260.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	358.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	413.99
1984									
October .	416.34	536.76	459.68	461.74	424.56	611.97	412.72	384.38	414.80
November.	427.43	547.79	475.15	477.17	428.69	643.10	420.31	391.33	421.71
December.	431.38	543.86	500.40	499.51	440.58	654.19	425.72	398.04	424.87
1985									
January .	418.99	539.97	495.20	479.70	422.65	659.78	413.34	384.81	424.42
February.	405.08	540.70	465.66	458.49	404.07	586.40	408.04	376.66	412.08
March ...	426.48	546.33	502.15	476.69	438.48	634.05	414.83	390.02	428.98
April ...	441.16	548.47	505.57	470.22	427.18	621.53	413.00	386.83	424.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.13	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August ..	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	433.95	553.50	487.39	478.13	435.59	638.17	423.47	403.52	431.63
October .	444.37	540.13	488.64	473.91	443.98	660.15	411.27	403.64	428.08

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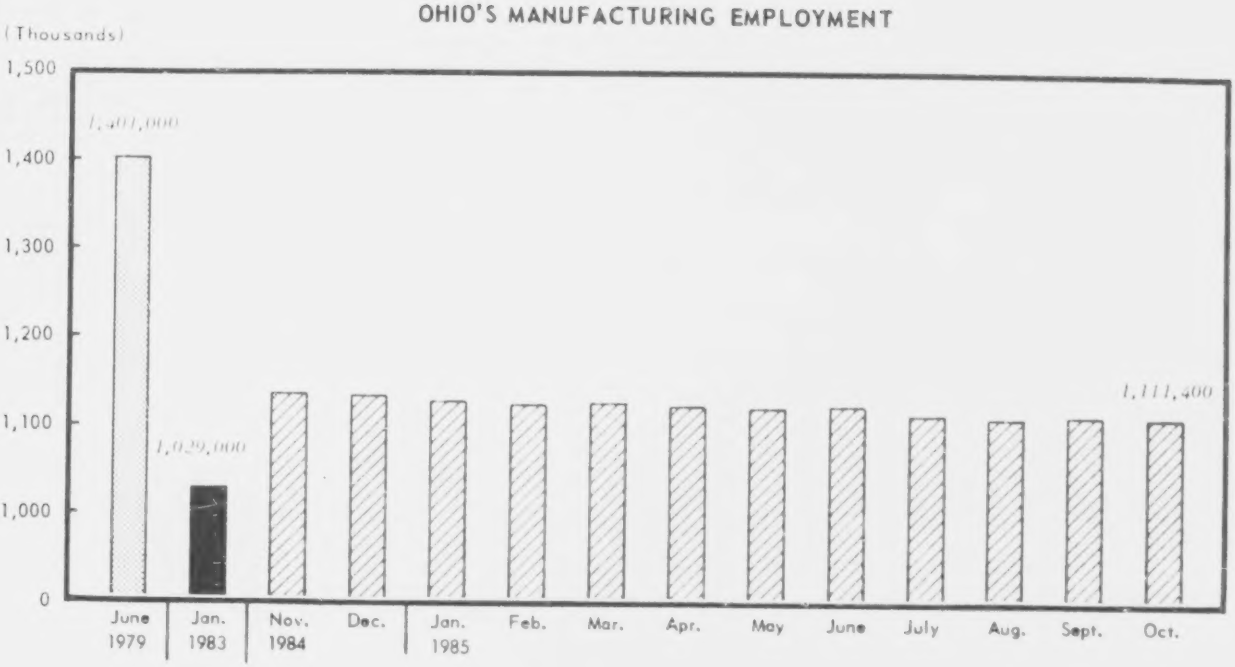
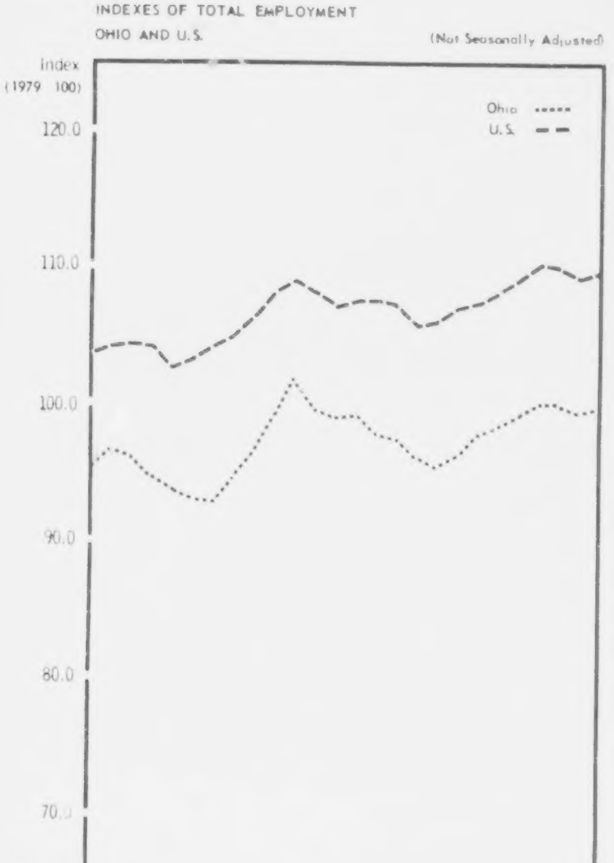
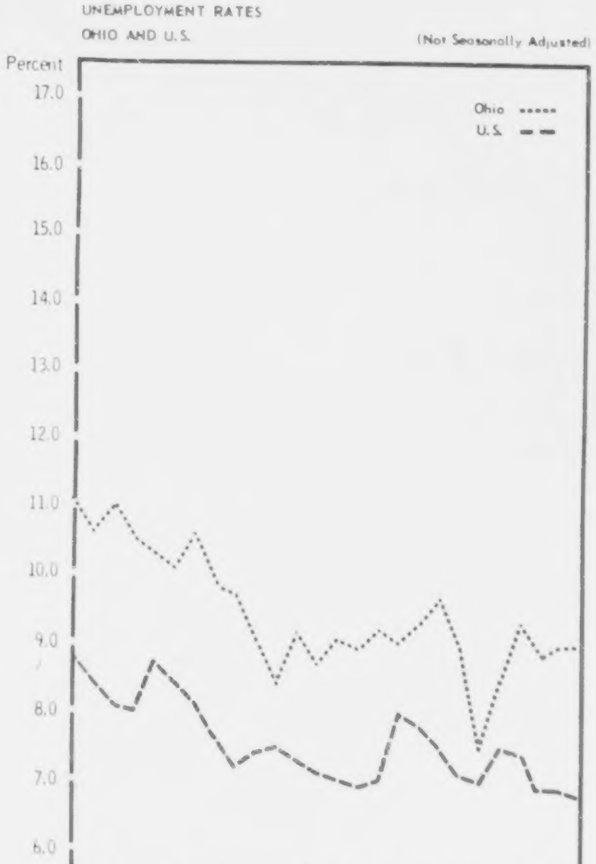
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.



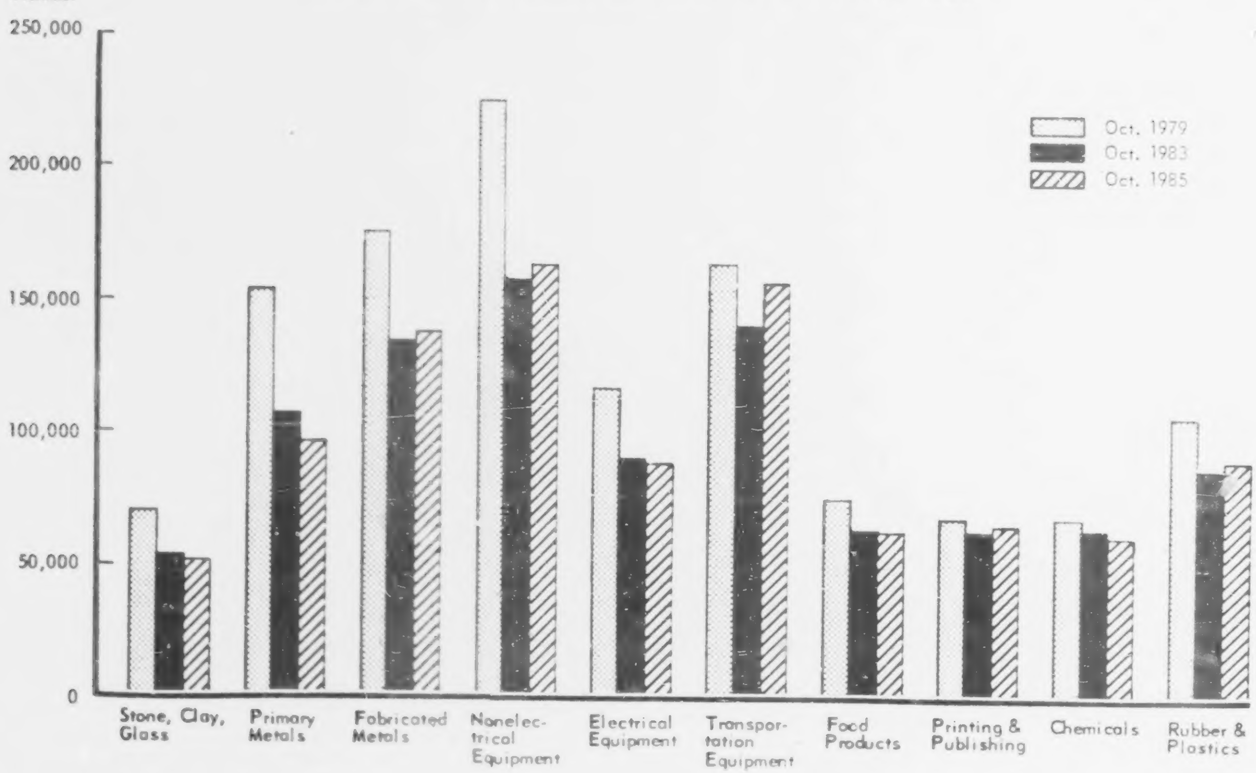
OHIO'S MANUFACTURING EMPLOYMENT

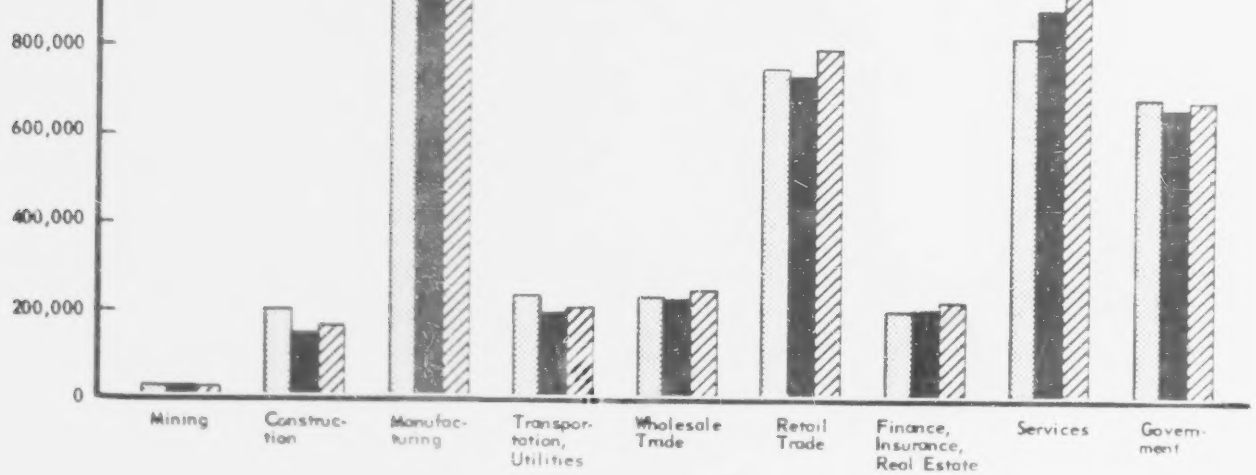


INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Not Seasonally Adjusted)


EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES


EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	4435.2	4417.7	4326.9	17.5	108.3
MANUFACTURING	1111.4	1112.3	1134.6	- .9	- 23.3
Durable Goods[e]	760.5	757.6	777.4	2.9	- 16.9
Lumber and wood products	17.7	17.8	16.1	- .1	1.6
Furniture and fixtures	14.3	14.3	15.0	.0	- .7
Stone, clay, and glass products	51.7	51.8	53.4	- .1	- 1.8
Glass and glassware, pressed or blown	11.5	11.7	12.9	- .1	- 1.4
Primary metal industries	96.4	96.0	106.1	.4	- 9.7
Blast furnace and basic steel products	41.9[j]	41.4[j]	49.0	.5	- 7.2
Iron and steel foundries	20.0	20.1	21.7	- .1	- 1.7
Nonferrous rolling and drawing	18.5	18.6	18.9	.0	- .4
Fabricated metal products	136.9	137.1	139.3	- .2	- 2.4
Cutlery, hand tools, and hardware	11.3	11.2	11.6	.1	- .3
Fabricated structural metal products	28.5	29.0	29.3	- .5	- .8
Metal forgings and stampings	43.7	43.3	44.2	.3	- .6
Machinery, except electrical	161.5	162.2	168.7	- .6	- 7.1
Construction and related machinery	14.0	14.1	16.2	- .1	- 2.2
Metalworking machinery	42.2	42.4	42.9	- .2	- .7
Special industry machinery	18.8	18.8	19.3	- .1	- .6
General industrial machinery	30.8	31.1	31.7	- .3	- .9
Office and computing machines	12.4	12.5	13.5	- .1	- 1.1
Refrigeration and service machinery	16.2	16.0	16.5	.1	- .3
Electric and electronic equipment	88.0	88.1	94.0	- .1	- 6.0
Electrical industrial apparatus	18.2	18.4	18.9	- .2	- .7
Household appliances	17.1	17.0	17.1	.1	- .1
Electric lighting and wiring equipment	17.4	17.5	19.4	.0	- 1.9
Communication equipment	10.4	10.5	11.4	- .2	- 1.0
Transportation equipment	156.0	152.0	146.9	3.9	9.0
Motor vehicles and equipment	103.8	98.2[j]	98.5	5.5	5.2
Aircraft and parts	45.8	45.0	40.0	.8	5.8
Instruments and related products	23.3	23.3	23.3	.0	.1
Measuring and controlling devices	11.9	11.9	12.2	.0	- .3
Nondurable Goods[f]	350.8	354.7	357.2	- 3.8	- 6.4
Food and kindred products	62.5	65.1	63.7	- 2.7	- 1.2
Meat products	9.5	9.8	9.9	- .3	- .4
Dairy products	9.9	9.9	9.9	.0	.0
Preserved fruits and vegetables	10.9	13.1	11.3	- 2.3	- .5
Bakery products	8.5	8.5	8.4	.0	.1
Beverages	10.1	10.2	10.1	- .2	.0
Apparel and other textile products	17.1	17.1	17.6	.0	- .5
Paper and allied products	36.5	36.7	37.2	- .2	- .6
Misc. converted paper products	11.7	11.7	12.1	.1	- .4
Paperboard containers and boxes	12.1	12.3	12.4	- .2	- .3
Printing and publishing	64.9	64.9	65.4	.0	- .4
Newspapers	18.7	18.5	18.2	.2	.5
Commercial printing	24.1	24.0	24.0	.1	.0
Chemicals and allied products	61.4	62.3	62.7	- .9	- 1.4
Industrial inorganic chemicals	9.1	9.9	11.0	- .8	- 1.8
Rubber and misc. plastics products	90.6	90.4	92.4	.2	- 1.8
Tires and inner tubes	19.0	19.1	20.1	.0	- 1.1
Miscellaneous plastics products	50.8	50.6	50.9	.1	- .1

See footnotes on page 11.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
(Continued)

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
NONMANUFACTURING	3323.8	3305.4	3192.2	18.4	131.6
MINING	27.5	27.5	28.0	.0	- .5
Bituminous coal and lignite mining	11.0	11.0	11.6	.0	- .6
Oil and gas extraction	11.9	12.0	11.8	- .1	.1
CONSTRUCTION	169.9	169.8	160.3	.1	9.5
General building contractors	44.1	44.1	41.1	- .1	2.9
Heavy construction contractors	24.5	24.6	23.4	- .1	1.1
Highway and street construction	11.8	11.9	11.1	- .1	.7
Special trade contractors	101.3	101.0	95.8	.3	5.5
TRANSPORTATION AND PUBLIC UTILITIES	210.2	209.8	208.9	.4	1.4
Railroad transportation	17.4	17.6	19.2	- .2	- 1.8
Transportation, except railroads	100.9	100.0	96.4	.9	4.5
Trucking and warehousing	71.9	71.1	70.1	.8	1.9
Communication, electric, gas services	92.0	92.3	93.2	- .3	- 1.3
Communication	51.3	51.5	53.2	- .2	- 1.9
Electric, gas, and sanitary services	40.7	40.8	40.1	- .2	.6
WHOLESALE TRADE	252.4	251.2	240.0	1.1	12.4
Wholesale trade-durable goods	160.8	160.0	152.4	.8	8.4
Motor vehicles & automotive equipment	23.7	23.7	22.3	.1	1.5
Electrical goods	21.3	21.1	20.3	.2	1.0
Machinery, equipment, and supplies	65.7	65.4	63.2	.3	2.5
Wholesale trade-nondurable goods	91.5	91.2	87.6	.4	4.0
Groceries and related products	28.0	28.1	27.2	- .1	.8
RETAIL TRADE	793.5	791.2	752.2	2.4	41.4
General merchandise stores	115.6	112.9	115.1	2.7	.5
Department stores	106.0	103.4	105.8	2.6	.2
Food stores	127.5	127.0	122.1	.4	5.3
Automotive dealers & service stations	90.3	90.4	82.8	- .2	7.5
Apparel and accessory stores	37.0	36.3	35.4	.7	1.6
Eating and drinking places	275.3	278.8	258.1	- 3.6	17.2
FINANCE, INSURANCE, AND REAL ESTATE	221.4	222.3	213.1	- .9	8.4
Banking	60.6	60.8	57.9	- .2	2.8
Credit agencies other than banks	35.0	34.9	33.3	.1	1.7
Insurance carriers	57.8	58.0	57.9	- .2	- .1
Life insurance	21.2	21.4	22.2	- .2	- 1.0
Fire, marine, and casualty insurance	27.7	27.8	27.3	.0	.5
SERVICES	972.6	976.7	920.7	- 4.1	51.9
Hotels and other lodging places	32.8	33.8	31.4	- 1.0	1.4
Personal services	52.2	51.6	49.3	.6	2.9
Laundry, cleaning, & garment services	17.4	17.3	17.1	.2	.4
Business services	175.3	174.3	155.9	1.0	19.4
Services to buildings	26.7	26.3	24.3	.4	2.4
Computer and data processing services	15.2	15.1	13.5	.1	1.7
Amusement and recreation services	34.7	48.2	34.6	- 13.5	.1
Health services	330.6	329.8	323.2	.9	7.4
Nursing and personal care facilities	69.2	69.0	67.1	.2	2.1
Hospitals	169.5	169.5	169.4	.0	.1
Educational services	72.8	66.4	65.9	6.5	6.9
Colleges and universities	41.1	35.5	36.0	5.6	5.1
GOVERNMENT	676.3	656.9	669.2	19.4	7.1
Federal government	92.2	92.7	89.6	- .5	2.6
State government	148.6	136.3	147.5	12.3	1.1
State government education[i]	78.6	65.9	78.9	12.7	- .2
State government, except education	70.0	70.4	68.6	- .4	1.3
Local government	435.5	427.8	432.1	7.7	3.4
Local government education	252.6	242.2	249.9	10.4	2.8
Local government, except education	182.9	185.6	182.2	- 2.7	.6

See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$482.35	$479.39	$460.48	42.2	42.2	41.9	$11.43	$11.36	$10.99
Durable Goods[e]	505.33	500.74	479.10	42.5	42.4	42.1	11.89	11.81	11.38
Lumber and wood products	303.32	297.75	292.19	41.1	40.4	39.7	7.38	7.37	7.36
Furniture and fixtures	332.05	330.85	327.24	40.2	40.2	40.4	8.26	8.23	8.10
Store, clay, and glass products	444.37	439.95	416.34	42.2	42.1	41.1	10.53	10.45	10.13
Glass and glassware, pressed or blown.	460.40	455.22	449.03	40.6	40.9	40.2	11.34	11.13	11.17
Primary metal industries	540.13	553.50	536.76	41.2	41.9	42.0	13.11	13.21	12.78
Blast furnace and basic steel products	517.20	519.87	518.09	38.8	39.0	39.7	13.33	13.33	13.05
Iron and steel foundries	574.32	618.20	550.84	42.7	44.7	42.9	13.45	13.83	12.84
Nonferrous rolling and drawing	597.98	612.58	601.52	42.5	43.2	43.4	14.07	14.18	13.86
Fabricated metal products	488.64	487.39	459.68	41.8	41.8	41.6	11.69	11.66	11.05
Cutlery, hand tools, and hardware	502.23	511.09	446.84	41.2	42.1	39.3	12.19	12.14	11.37
Fabricated structural metal products	404.41	410.18	420.75	40.2	41.1	41.7	10.06	9.98	10.09
Metal forgings and stampings	626.89	622.29	557.66	43.9	43.7	42.7	14.28	14.24	13.06
Machinery, except electrical	473.91	478.13	461.74	42.2	42.5	42.4	11.23	11.25	10.89
Construction and related machinery	405.62	400.00	413.48	40.2	40.0	40.3	10.09	10.00	10.26
Metalworking machinery	439.10	440.15	437.64	41.7	41.8	42.0	10.53	10.53	10.42
Special industry machinery	459.03	471.93	456.56	42.9	43.9	43.9	10.70	10.75	10.40
General industrial machinery	482.05	500.33	460.78	41.7	42.8	41.4	11.56	11.69	11.13
Office and computing machines	378.90	386.97	367.50	41.5	42.2	42.0	9.13	9.17	8.75
Refrigeration and service machinery	584.73	580.34	522.59	43.8	43.7	42.8	13.35	13.28	12.21
Electric and electronic equipment	443.98	435.59	424.56	41.3	40.9	41.1	10.75	10.65	10.33
Electrical industrial apparatus	428.45	425.58	410.86	41.0	41.0	40.8	10.45	10.38	10.07
Household appliances	457.73	459.26	422.80	41.2	41.3	40.0	11.11	11.12	10.57
Electric lighting and wiring equipment	436.97	423.15	431.99	40.8	40.3	41.9	10.71	10.50	10.31
Communication equipment	473.88	498.46	501.27	41.1	42.1	43.4	11.53	11.84	11.55
Transportation equipment	660.15	638.17	611.97	46.1	45.1	44.8	14.32	14.15	13.66
Motor vehicles and equipment	703.28	678.50	636.42	47.2	46.0	45.2	14.90	14.75	14.08
Aircraft and parts	548.54	557.61	559.68	43.5	43.7	44.0	12.61	12.76	12.72
Instruments and related products	362.39	369.88	320.40	40.4	41.7	40.0	8.97	8.87	8.01
Measuring and controlling devices	344.70	357.69	321.20	38.6	40.1	39.9	8.93	8.92	8.05
Nondurable Goods[f]	424.56	430.54	417.49	41.3	41.8	41.5	10.28	10.30	10.06
Food and kindred products	411.27	423.47	412.72	41.5	43.3	41.9	9.91	9.78	9.85
Meat products	371.59	377.65	401.29	40.7	41.5	42.6	9.13	9.10	9.42
Dairy products	440.15	464.43	426.07	42.9	44.7	43.3	10.26	10.39	9.84
Preserved fruits and vegetables	391.44	413.56	366.63	42.0	45.9	41.9	9.32	9.01	8.75
Bakery products	431.62	438.86	434.11	38.4	38.7	39.5	11.24	11.34	10.99
Beverages	435.08	436.60	384.73	42.2	43.1	39.5	10.31	10.13	9.74
Apparel and other textile products	253.84	256.06	251.14	38.0	37.6	38.4	6.68	6.81	6.54
Paper and allied products	464.34	469.92	450.98	43.6	44.0	43.7	10.65	10.68	10.32
Misc. converted paper products	409.46	433.94	397.03	42.3	43.7	42.6	9.68	9.93	9.32
Paperboard containers and boxes	399.83	411.61	390.93	42.4	43.1	42.4	9.43	9.55	9.22
Printing and publishing	403.64	403.52	384.38	38.7	38.8	38.4	10.43	10.40	10.01
Newspapers	335.20	335.89	333.05	34.1	34.1	34.3	9.83	9.85	9.71
Commercial printing	413.10	412.48	395.01	40.5	40.4	39.9	10.20	10.21	9.90
Chemicals and allied products	487.55	491.40	480.39	41.6	42.0	41.2	11.72	11.70	11.66
Industrial inorganic chemicals	550.83	541.38	528.60	43.0	42.0	41.2	12.81	12.89	12.83
Rubber and misc. plastics products	428.08	431.63	414.80	42.3	42.4	42.5	10.12	10.18	9.76
Tires and inner tubes	597.63	601.58	591.17	44.8	45.3	45.3	13.34	13.28	13.05
Miscellaneous plastics products	414.96	420.00	395.74	42.0	42.0	42.1	9.88	10.00	9.40

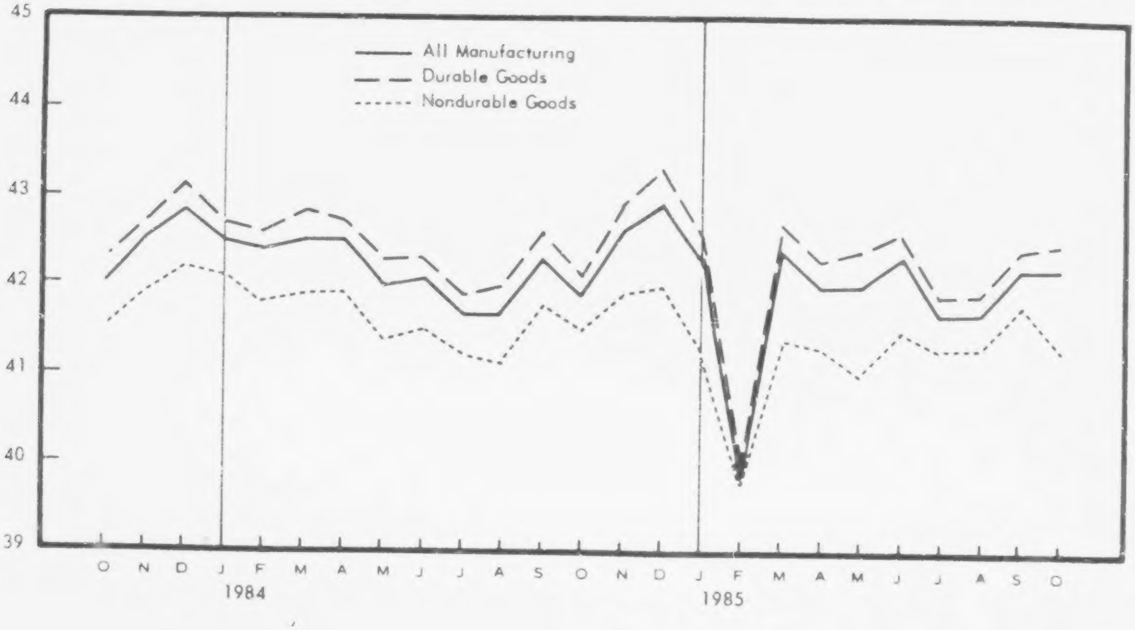
See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
(Continued)

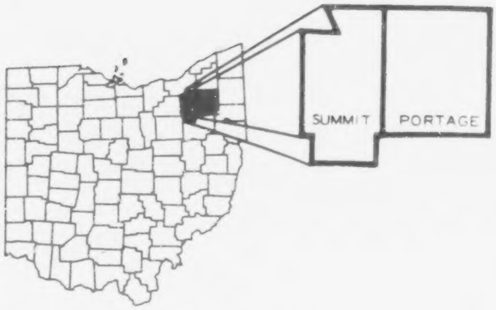
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MINING	$518.78	$500.46	$496.13	44.8	43.9	44.1	$11.58	$11.40	$11.25
Bituminous coal and lignite mining	612.72	596.09	598.01	41.4	40.8	41.1	14.80	14.61	14.55
CONSTRUCTION	599.22	595.98	612.12	39.5	39.6	39.8	15.17	15.05	15.38
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	529.37	528.96	500.60	41.1	41.1	40.6	12.88	12.87	12.33
Communication	523.00	525.10	495.30	40.7	40.8	40.4	12.85	12.87	12.26
Electric, gas, and sanitary services	537.89	534.52	508.39	41.6	41.5	40.9	12.93	12.88	12.43
WHOLESALE TRADE	352.24	349.38	341.82	39.4	39.3	39.2	8.94	8.89	8.72
Wholesale trade—durable goods	347.69	347.77	337.79	39.6	39.7	39.6	8.78	8.76	8.53
Wholesale trade—nondurable goods	359.58	352.03	348.94	39.0	38.6	38.6	9.22	9.12	9.04
RETAIL TRADE[h]	159.21	159.72	154.15	29.0	29.2	28.6	5.49	5.47	5.39
General merchandise stores	175.49	176.41	162.76	29.2	29.9	29.7	6.01	5.90	5.48
Department stores	179.58	180.90	165.39	29.2	30.0	29.8	6.15	6.03	5.55
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	236.67	234.10	223.83	....	....	....	.....	.....	.....
Credit agencies other than banks	233.42	233.53	217.09	....	....	....	.....	.....	.....
Insurance carriers	314.69	308.39	300.64	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	311.88	315.22	294.34	33.9	34.3	33.6	9.20	9.19	8.76

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES

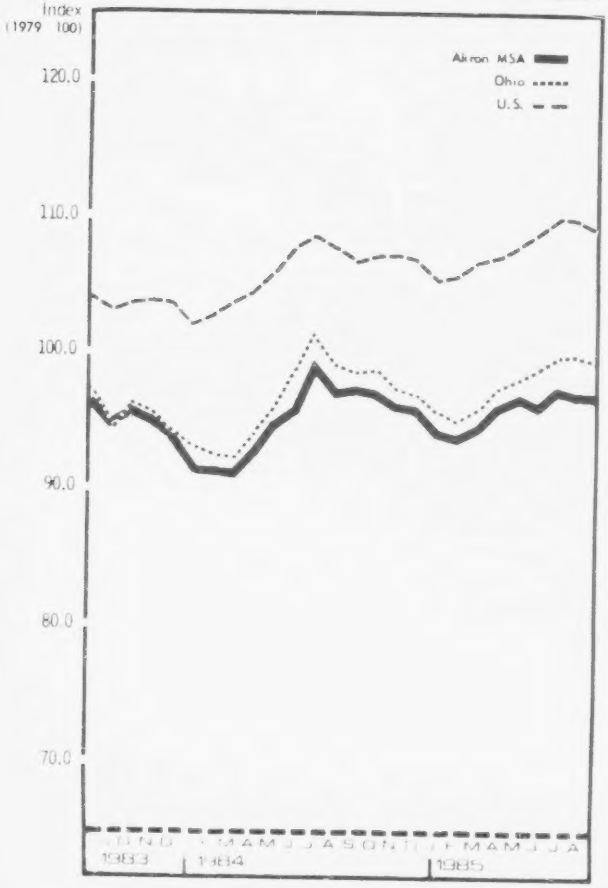


AKRON
PRIMARY METROPOLITAN STATISTICAL AREA

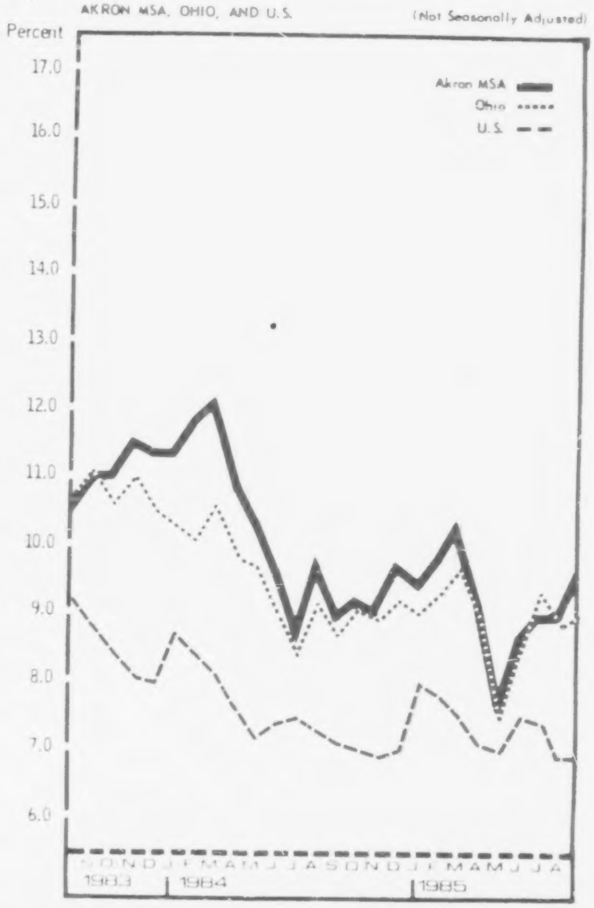


Nonfarm payroll employment in Akron decreased just 700 from September, to 261,800 in October. The decrease occurred in nonmanufacturing as cutbacks in amusement and recreation services were moderated by seasonal expansion in higher education. Declines in nondurable goods reduced manufacturing employment 200, to 65,200. Production workers in manufacturing worked an average of 42.2 hours per week, down .7 hours from September. They grossed $11.07 per hour, down 2¢.

INDEXES OF TOTAL EMPLOYMENT
AKRON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



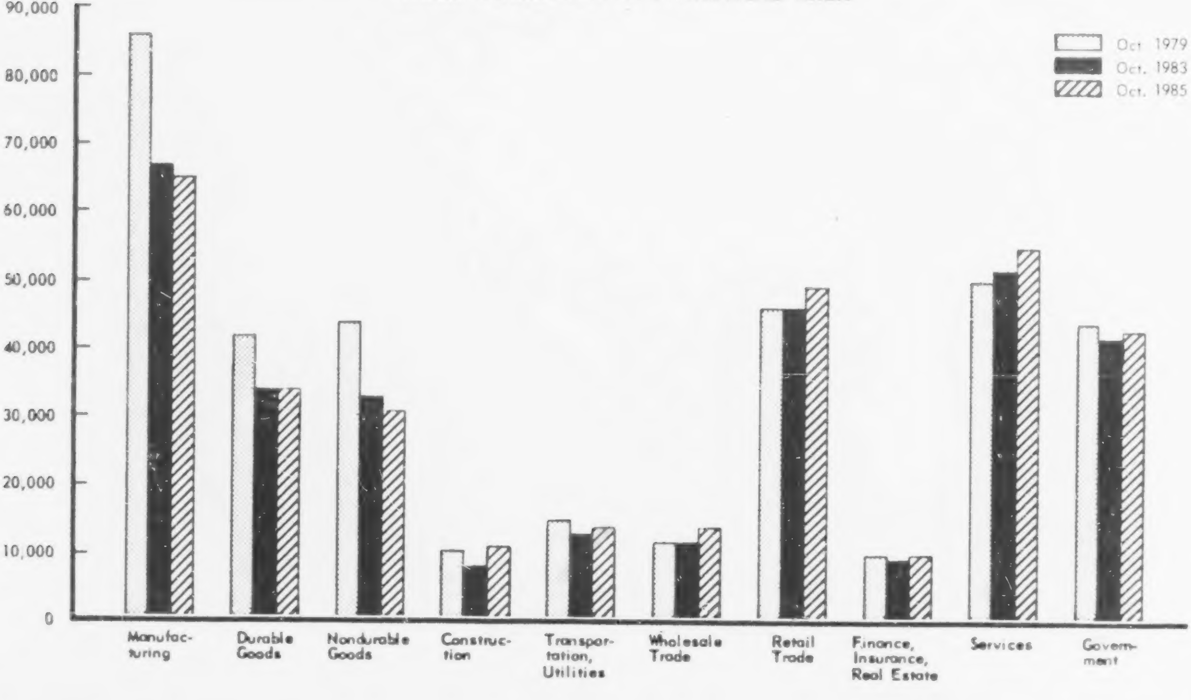
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
290.8	277.7	13.0	4.5	1974	259.0	94.2	56.1	$223.34	42.3	$ 5.28
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	232.63	41.1	5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.4	265.2	37.2	12.3	1983	244.7	65.2	35.7	452.12	43.1	10.49
300.7	270.4	30.3	10.1	1984	251.2	67.5	37.8	470.65	43.7	10.77
				1984						
304.5	277.2	27.2	8.9	September	256.4	68.4	38.5	465.91	43.3	10.76
304.1	276.1	28.0	9.2	October	255.8	67.9	38.0	464.61	42.9	10.83
300.4	273.4	27.1	9.0	November	256.1	67.9	37.9	479.57	44.2	10.85
302.1	272.7	29.4	9.7	December	256.5	67.5	37.7	495.84	45.2	10.97
				1985						
295.5	267.8	27.7	9.4	January	250.1	67.6	37.8	480.25	44.1	10.89
296.3	267.2	29.0	9.8	February	251.4	67.6	37.5	470.89	43.4	10.85
300.2	269.4	30.8	10.3	March	253.3	67.4	37.2	489.28	44.0	11.12
300.7	273.5	27.2	9.1	April	256.1	67.2	37.1	479.76	43.3	11.08
297.9	275.2	22.7	7.6	May	259.9	66.9	36.7	472.57	43.0	10.99
299.6	273.5	26.1	8.7	June	256.8	66.8	36.7	481.55	43.5	11.07
305.4	278.0	27.4	9.0	July	257.2	66.1	36.1	468.17	42.6	10.99
304.4	277.1	27.3	9.0	August	256.2	64.9	35.1	449.21	42.1	10.67
306.1	276.7	29.4	9.6	September	262.5	65.5	35.9	475.76	[illegible]	[illegible]
INA	INA	INA	INA	October	261.8	65.2	35.8	467.15	42.2	11.07

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	261.8	262.5	255.8	- .7	6.0
MANUFACTURING	65.2	65.5	67.9	- .2	- 2.7
Durable Goods[e]	34.3	34.2	35.6	.0	- 1.3
Fabricated metal products	12.9	12.8	13.2	.1	- .4
Machinery, except electrical	8.7	8.7	9.5	- .1	- .8
Metalworking machinery	3.1	3.1	3.1	.0	.0
Nondurable Goods[f]	31.0	31.2	32.3	- .3	- 1.4
Food and kindred products	2.7	2.7	2.6	.0	.1
Chemicals and allied products	2.5	2.5	2.7	.0	- .2
Rubber and misc. plastics products	20.8	21.0	22.0	- .2	- 1.2
Tires and inner tubes	14.3	14.3	15.1	.0	- .8
NONMANUFACTURING[g]	196.6	197.1	187.9	- .5	8.7
CONSTRUCTION	10.7	10.8	9.6	- .1	1.2
TRANSPORTATION AND PUBLIC UTILITIES	13.7	13.8	13.4	.0	.4
Communication, electric, gas services ..	5.4	5.4	5.5	.0	- .1
WHOLESALE TRADE	14.5	14.5	13.4	.0	1.2
RETAIL TRADE	48.9	48.9	47.1	.0	1.8
General merchandise stores	6.9	6.5	6.9	.3	.0
FINANCE, INSURANCE, AND REAL ESTATE	9.8	9.8	9.3	.0	.5
Banking	3.2	3.3	3.0	.0	.2
SERVICES	55.0	56.3	52.5	- 1.3	2.6
Business services	10.9	11.0	10.0	- .1	.9
Amusement and recreation services	3.4	4.8	2.7	- 1.3	.7
Health services	16.8	17.0	17.2	- .1	- .4
GOVERNMENT	43.1	42.3	41.9	.8	1.2
State government	15.4	15.0	14.9	.4	.5
State government education[h]	12.5	12.0	12.1	.5	.4
State government, except education ...	2.9	2.9	2.8	- .1	.0
Local government	25.5	25.1	24.9	.4	.6
Local government education	13.9	13.3	13.6	.6	.3
Local government, except education ...	11.6	11.8	11.3	- .2	.4

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$467.15	$475.76	$464.61	42.2	42.9	42.9	$11.07	$11.09	$10.83
Durable Goods[e]	477.12	490.35	481.06	42.0	42.9	43.3	11.36	11.43	11.11
Fabricated metal products	578.00	576.58	562.17	42.5	41.6	42.3	13.60	13.86	13.24
Machinery, except electrical	415.27	454.41	420.08	42.9	45.9	44.5	9.68	9.90	9.44
Metalworking machinery	397.10	413.54	422.84	42.2	43.9	44.0	9.41	9.42	9.61
Nondurable Goods[f]	449.86	453.45	439.92	42.4	42.9	42.3	10.61	10.57	10.40
Food and kindred products	450.02	464.02	441.15	42.9	43.9	42.5	10.49	10.57	10.38
Chemicals and allied products	463.83	437.81	437.38	41.9	40[illegible]	40.8	11.07	10.81	10.72
Rubber and misc. plastics products	473.06	473.04	465.45	43.4	43.[illegible]	43.5	10.90	10.80	10.70
Tires and inner tubes	665.99	665.99	636.32	47.2	47.2	47.1	14.11	14.11	13.51
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	557.44	548.14	509.16	41.6	41.4	40.7	13.40	13.24	12.51
WHOLESALE TRADE	316.97	324.32	317.81	37.6	38.2	38.9	8.43	8.49	8.17
RETAIL TRADE[h]	183.52	181.69	179.09	29.6	29.4	29.7	6.20	6.18	6.03

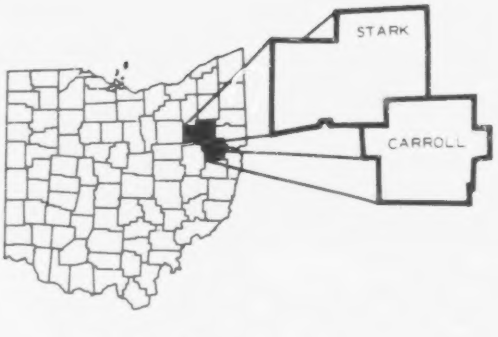
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

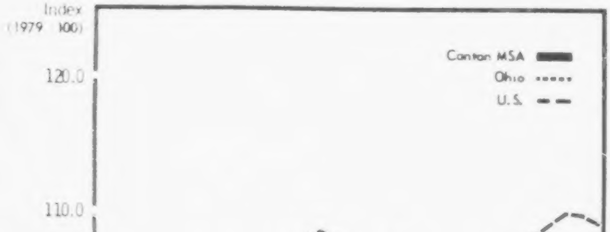
Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	4,056	2,884	3,660
Active File of Job Seekers	INA	18,888	35,961
Referrals to Jobs	2,208	1,386	2,023
Placements	652	368	359
Job Openings Received	897	706	807
Job Openings Unfilled	808	826	872
Unemployment Insurance Program			
Initial Claims	3,651	3,520	4,096
Continued Claims	29,632	25,137	25,794
First Payments	1,324	1,076	1,165
Last Payments	477	390	375
Weeks Compensated	21,643	18,938	18,605
Benefits Paid	$3,084,248	$2,709,697	$2,485,322
Average Weekly Payment	$146.78	$147.88	$137.42

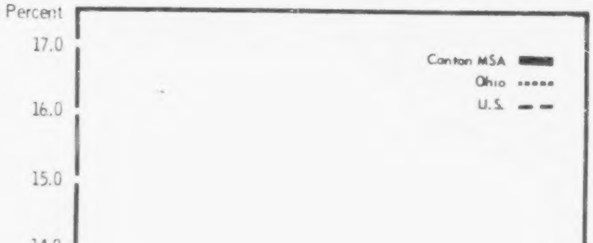
INA-Information not available.

CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in Canton, at 154,300 in October, was up 600 from September. Gains in retail trade, services and local government boosted nonmanufacturing employment. Losses in fabricated metal products accounted for most of the decline of 400 in manufacturing, to 45,700 in October. Factory production workers averaged 39.7 hours per week in October, down .4 hours from September. Their hourly earnings, at $10.97, remained unchanged.


INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

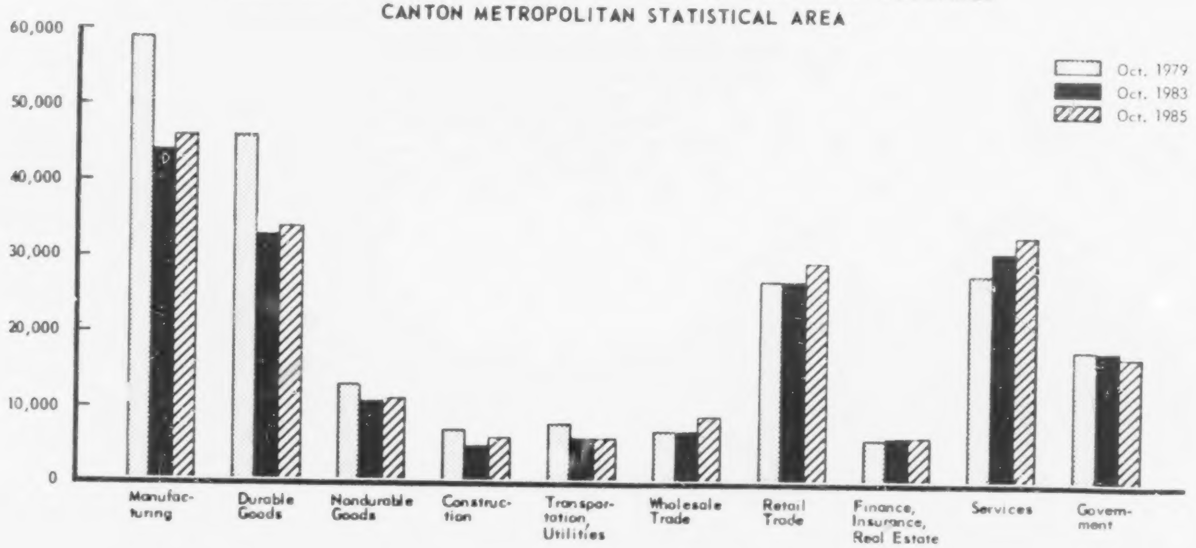
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.6	167.5	8.1	4.6	1974	152.1	62.2	46.9	$210.12	40.1	$ 5.24
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	222.22	39.4	5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.7	422.14	39.6	10.66
184.0	164.2	19.9	10.8	1984	148.7	46.2	33.5	437.53	40.4	10.83
				1984						
184.5	167.1	17.3	9.4	September	150.6	46.7	34.0	438.60	40.8	10.75
185.6	166.8	18.8	10.2	October	150.6	46.7	34.1	434.84	40.3	10.79
184.3	165.1	19.2	10.4	November	150.7	46.8	34.6	439.70	40.6	10.83
183.8	164.1	19.8	10.7	December	150.5	46.5	34.1	431.72	39.9	10.82
				1985						
182.0	162.4	19.6	10.8	January	148.0	46.3	34.1	434.68	40.1	10.84
180.0	160.6	19.4	10.8	February	147.4	46.1	34.0	430.16	39.5	10.89
181.9	161.9	20.0	11.0	March	148.5	46.3	34.1	435.60	40.0	10.89
186.6	165.5	21.1	11.3	April	151.3	46.3	34.1	427.10	39.4	10.84
183.6	166.0	17.7	9.6	May	152.8	46.3	34.1	435.31	39.9	10.91
185.9	166.8	19.1	10.3	June	153.1	46.6	34.3	434.72	39.7	10.95
190.3	168.9	21.4	11.2	July	152.9	46.3	34.0	431.34	39.5	10.92
187.7	168.9	18.8	10.0	August	152.9	46.1	33.7	432.61	39.4	10.98
186.9	166.8	20.1	10.7	September	153.7	46.2	33.7	439.90	40.1	10.97
INA	INA	INA	INA	October	154.3	45.7	33.3	435.51	39.7	10.97

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	154.3	153.7	150.6	.6	3.7
MANUFACTURING	45.7	46.2	46.7	- .4	- 1.0
Durable Goods[e]	34.3	34.6	35.4	- .3	- 1.2
Primary metal industries	11.0	11.0	11.5	.0	- .4
Fabricated metal products	7.0	7.3	7.5	- .3	- .5
Metal forgings and stampings	2.5	2.7	3.1	- .2	- .6
Nondurable Goods[f]	11.5	11.6	11.3	- .1	.2
Food and kindred products	4.0	4.1	3.9	- .1	.1
Rubber and misc. plastics products	2.9	2.9	[illegible]	.0	.0
NONMANUFACTURING[g]	108.6	107.5	103.9	1.1	4.7
CONSTRUCTION	6.4	6.3	6.0	.1	.4
TRANSPORTATION AND PUBLIC UTILITIES	6.3	6.2	6.2	.1	.1
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.6	8.7	7.9	- .1	.7
Wholesale trade—durable goods	5.0	5.0	4.5	.0	.4
RETAIL TRADE	29.5	29.1	27.5	.4	2.0
General merchandise stores	3.7	3.6	3.8	.1	- .1
Food stores	4.7	4.7	4.5	.0	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.4	.0	.1
Banking	1.8	1.8	1.8	.0	.0
SERVICES	33.2	32.9	31.3	.3	1.8
Health services	13.6	13.6	13.6	.0	.1
GOVERNMENT	17.1	16.8	17.4	.3	- .3
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.1	13.8	14.6	.3	- .5
Local government education	7.9	7.7	8.3	.2	- .4
Local government, except education	6.2	6.2	6.3	.1	- .1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$435.51	$439.90	$434.84	39.7	40.1	40.3	$10.97	$10.97	$10.79
Durable Goods[e]	451.33	454.40	451.76	39.8	40.0	40.3	11.34	11.36	11.21
Primary metal industries	468.71	469.10	472.20	38.2	38.2	38.8	12.27	12.28	12.17
Fabricated metal products	483.63	483.39	529.27	41.8	41.0	43.1	11.57	11.79	12.28
Metal forgings and stampings	635.38	633.18	655.30	42.7	42.1	45.1	14.88	15.04	14.53
Nondurable Goods[f]	386.71	395.28	387.84	39.5	40.5	40.4	9.79	9.76	9.60
Food and kindred products	399.99	399.56	390.25	39.1	39.6	39.7	10.23	10.09	9.83
Rubber and misc. plastics products	462.21	461.78	468.16	43.4	43.4	44.8	10.65	10.64	10.45
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	520.77	521.62	489.23	41.2	41.3	40.6	12.64	12.63	12.05
WHOLESALE TRADE	342.59	333.93	322.00	36.1	36.1	36.8	9.49	9.25	8.75
RETAIL TRADE[h]	160.73	162.16	158.26	29.6	29.7	29.2	5.43	5.46	5.42

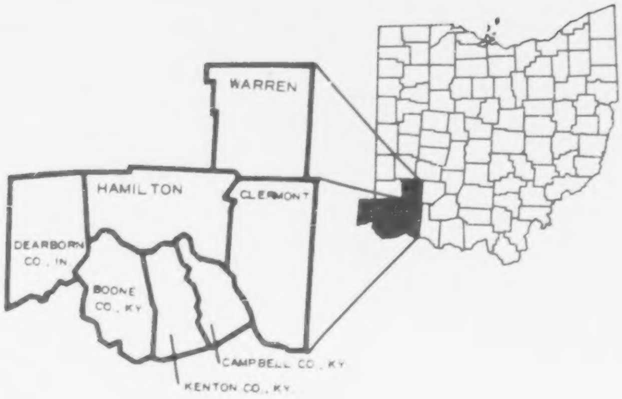
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

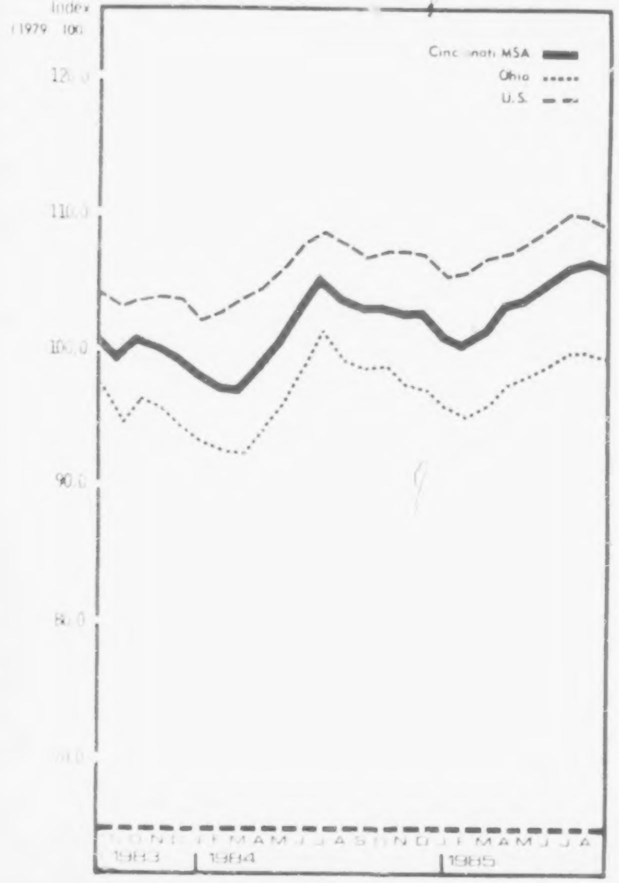
Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	2,505	2,020	2,369
Active File of Job Seekers	INA	17,750	26,774
Referrals to Jobs	1,516	1,356	1,147
Placements	598	539	510
Job Openings Received	772	699	772
Job Openings Unfilled	320	461	344
Unemployment Insurance Program			
Initial Claims	3,911	2,561	3,871
Continued Claims	23,559	18,730	18,108
First Payments	1,204	1,004	1,016
Last Payments	384	249	259
Weeks Compensated	17,422	14,045	12,689
Benefits Paid	$2,571,214	$2,064,054	$1,682,832
Average Weekly Payment	$152.22	$151.84	$137.35

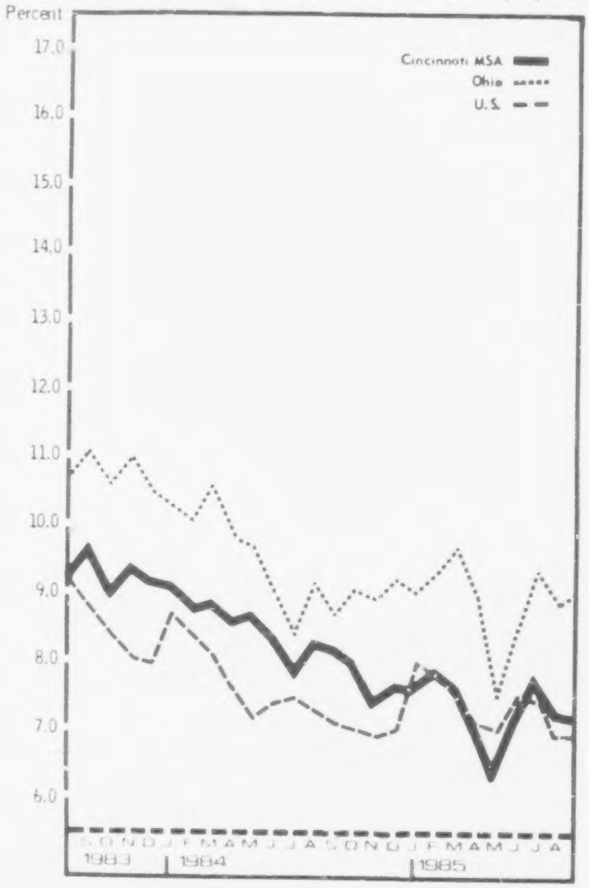
INA–Information not available.

CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in Cincinnati decreased 1,300 from September, to 636,400 in October. A labor-management dispute in chemicals and allied products lowered manufacturing by 400, to 147,900 for the month. In nonmanufacturing, seasonal hiring in public schools was largely offset by cutbacks in amusement and recreation services. Average earnings of manufacturing production workers, at $10.64 per hour, were 2¢ below September. The average workweek—41.6 hours— was .1 hours shorter.


INDEXES OF TOTAL EMPLOYMENT
CINCINNATI MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
CINCINNATI MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

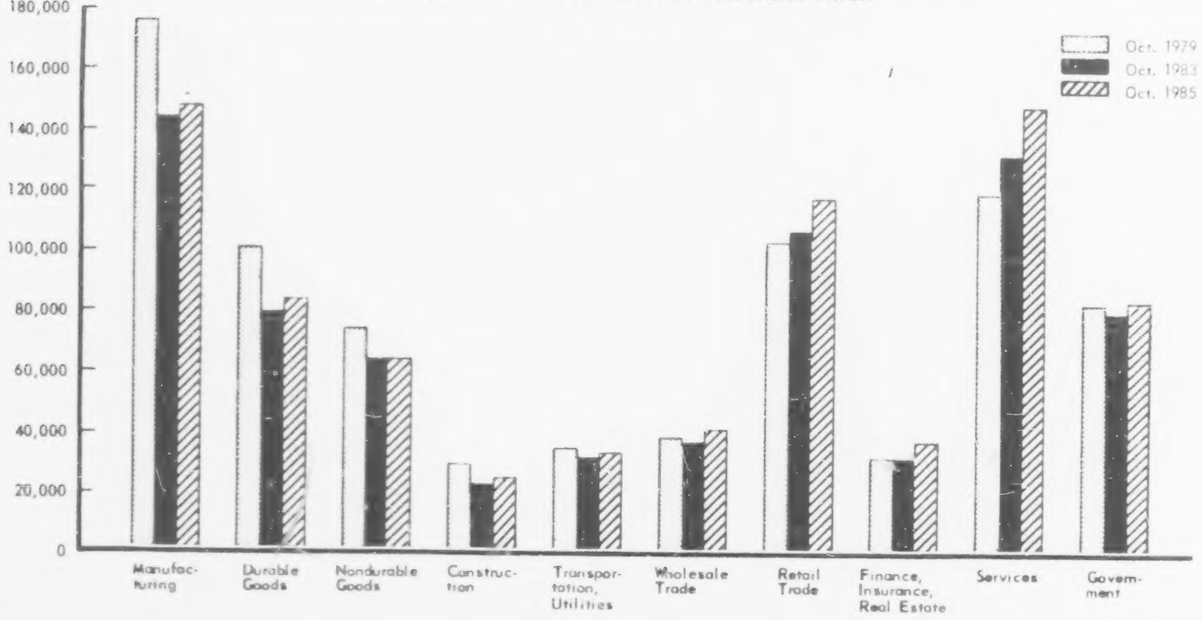
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	569.8	25.5	4.3	1974	542.2	166.6	115.3	$199.55	41.4	$ 4.82
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	211.75	40.8	5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	581.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.4	140.4	92.0	415.52	41.1	10.11
692.7	635.3	57.5	8.3	1984	598.1	144.6	96.3	441.41	41.8	10.56
				1984						
704.7	647.0	57.6	8.2	September	606.3	143.6	95.1	443.73	42.1	10.54
703.9	647.8	56.1	8.0	October	607.8	146.1	97.1	444.75	41.8	10.64
695.1	643.8	51.3	7.4	November	609.9	146.1	97.6	461.59	42.7	10.81
698.4	644.7	53.7	7.7	December	612.5	146.0	97.1	465.04	42.9	10.84
				1985						
686.4	634.2	52.3	7.6	January	602.0	144.6	95.7	459.80	42.3	10.87
683.4	629.1	54.2	7.9	February	601.7	144.0	95.2	420.51	38.9	10.81
688.8	636.2	52.5	7.6	March	607.4	145.3	96.2	449.53	41.7	10.78
697.9	647.7	48.2	6.9	April	618.5	145.3	96.2	440.43	41.2	10.69
696.8	653.0	43.8	6.3	May	626.1	145.4	96.1	437.18	41.4	10.56
710.0	659.5	50.5	7.1	June	631.0	146.7	97.3	434.43	41.1	10.57
723.0	666.7	56.3	7.8	July	621.6	146.9	97.1	428.22	40.9	10.47
719.9	668.1	51.7	7.2	August	630.5	147.5	97.5	431.99	40.9	10.54
715.4	664.3	51.1	7.1	September	637.7	148.3	98.3	444.52	41.7	10.66
INA	INA	INA	INA	October	636.4	147.9	98.0	442.62	41.6	10.64

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	636.4	637.7	607.8	- 1.3	28.7
MANUFACTURING	147.9	148.3	146.1	- .4	1.9
Durable Goods[e]	84.2	84.1	81.6	.1	2.7
Fabricated metal products	9.8	9.8	10.3[j]	- .1	- .5
Fabricated structural metal products	3.7	3.7	3.7	.0	- .1
Machinery, except electrical	21.7	21.6	21.4	.1	.3
Metalworking machinery	9.9	9.9	10.0	.0	- .2
General industrial machinery	3.1	3.0	3.0	.0	.1
Electric and electronic equipment	8.1	8.1	8.5	- .1	- .5
Transportation equipment	28.5	28.3	26.0	.3	2.5
Motor vehicles and equipment	9.8	9.9	10.0	- .1	- .2
Nondurable Goods[f]	63.7	64.2	64.5	- .5	- .8
Food and kindred products	12.8	12.7	12.9	.1	- .1
Beverages	3.9	3.9	4.1	.0	- .2
Apparel and other textile products	4.0	3.9	4.0	.1	.0
Paper and allied products	5.8	5.8	6.0	.0	- .2
Printing and publishing	12.2	12.2	12.1	- .1	.1
Commercial printing	5.2	5.2	5.2	.0	.0
Chemicals and allied products	20.7[j]	21.3	21.1	- .6	- .4
Rubber and misc. plastics products	5.0	5.1	5.3	- .1	- .3
NONMANUFACTURING[g]	488.5	489.4	461.7	- .9	26.8
CONSTRUCTION	25.4	25.1	22.5	.2	2.9
TRANSPORTATION AND PUBLIC UTILITIES	32.9	32.8	32.4	.1	.5
Trucking and warehousing	9.9	9.7	9.4	.2	.4
Communication, electric, gas services	14.1	14.2	14.4	- .1	- .3
WHOLESALE TRADE	41.8	41.8	39.7	.0	2.1
Wholesale trade–durable goods	24.6	24.7	23.2	.0	1.4
RETAIL TRADE	118.4	117.4	110.6	1.0	7.8
General merchandise stores	20.2	19.4	19.3	.9	.9
FINANCE, INSURANCE, AND REAL ESTATE	37.1	37.2	35.3	- .1	1.9
Banking	7.8	7.8	7.5	.0	.3
Insurance carriers	11.3	11.3	11.0	.0	.3
SERVICES	148.0	151.9	139.6	- 4.0	8.4
Hotels and other lodging places	6.1	6.3	6.4	- .2	- .2
Personal services	7.2	7.1	6.8	.1	.4
Business services	31.5	31.3	28.7	.1	2.8
Amusement and recreation services	6.5	11.5	5.2	- 5.0	1.3
Health services	46.9	46.9	46.5	.0	.5
GOVERNMENT	84.4	82.6	81.3	1.8	3.2
Federal government	12.9	13.0	12.7	- .1	.2
State government	19.3	17.9	18.5	1.4	.8
State government education[i]	12.0	10.5	11.3	1.5	.7
State government, except education	7.3	7.4	7.2	- .1	.1
Local government	52.2	51.6	50.1	.6	2.1
Local government education	30.6	29.6	28.7	.9	1.9
Local government, except education	21.6	22.0	21.4	- .3	.3

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$442.62	$444.52	$444.75	41.6	41.7	41.8	$10.64	$10.66	$10.64
Durable Goods[e]	442.81	447.49	446.46	41.5	41.9	42.0	10.67	10.68	10.63
Fabricated metal products	388.63	413.23	376.18	41.3	43.0	40.8	9.41	9.61	9.22
Fabricated structural metal products	397.44	459.82	403.50	41.1	46.4	41.9	9.67	9.91	9.63
Machinery, except electrical	416.07	411.68	401.99	41.9	41.5	41.4	9.93	9.92	9.71
Metalworking machinery	443.64	448.86	441.00	41.5	41.6	41.1	10.69	10.79	10.73
General industrial machinery	371.20	383.05	361.40	40.0	41.1	40.2	9.28	9.32	8.99
Electric and electronic equipment	373.92	361.21	330.85	41.5	41.0	40.2	9.01	8.81	8.23
Transportation equipment	617.48	620.21	640.14	43.7	43.8	44.3	14.13	14.16	14.45
Motor vehicles and equipment	678.44	671.55	688.86	44.9	44.8	44.5	15.11	14.99	15.48
Nondurable Goods[f]	442.02	441.56	442.62	41.7	41.5	41.6	10.60	10.64	10.64
Food and kindred products	508.80	520.90	490.06	42.4	43.3	42.8	12.00	12.03	11.45
Beverages	517.72	518.73	465.09	43.0	43.3	41.6	12.04	11.98	11.18
Apparel and other textile products	226.44	217.17	227.36	40.8	39.2	39.2	5.55	5.54	5.80
Paper and allied products	405.59	394.54	383.78	41.9	41.4	41.4	9.68	9.53	9.27
Printing and publishing	421.37	422.28	427.17	38.8	39.1	39.7	10.86	10.80	10.76
Commercial printing	472.06	471.50	479.55	41.3	41.0	41.7	11.43	11.50	11.50
Chemicals and allied products	502.80	510.56	527.93	41.9	42.3	41.8	12.00	12.07	12.63
Rubber and misc. plastics products	424.65	369.73	365.79	47.5	43.6	44.5	8.94	8.48	8.22
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	504.11	509.26	491.93	39.2	39.6	39.8	12.86	12.86	12.36
WHOLESALE TRADE	375.14	376.25	367.11	40.6	40.5	40.7	9.24	9.29	9.02
RETAIL TRADE[h]	163.20	165.07	165.24	30.0	30.4	30.6	5.44	5.43	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	240.53	241.28	232.05	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

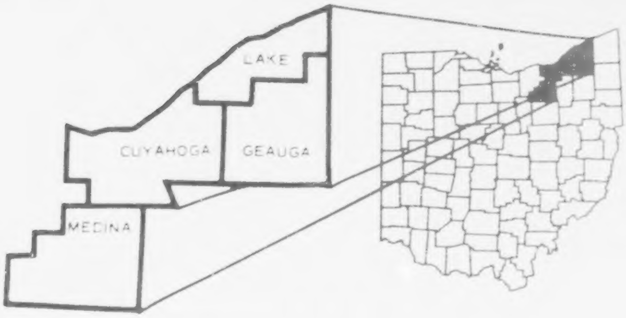
Selected Administrative Program Activities [a]

Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	6,252	4,695	5,494
Active File of Job Seekers	INA	22,808	37,043
Referrals to Jobs	2,632	2,448	2,588
Placements	704	784	933
Job Openings Received	1,980	1,178	1,515
Job Openings Unfilled	2,920	2,324	2,868
Unemployment Insurance Program			
Initial Claims	5,391	4,293	6,791
Continued Claims	37,283	32,961	40,916
First Payments	1,979	1,460	2,236
Last Payments	670	701	803
Weeks Compensated	30,109	25,172	31,633
Benefits Paid	$4,139,329	$3,592,467	$4,382,043
Average Weekly Payment	$140.30	$140.42	$141.66

[a] Ohio data only.

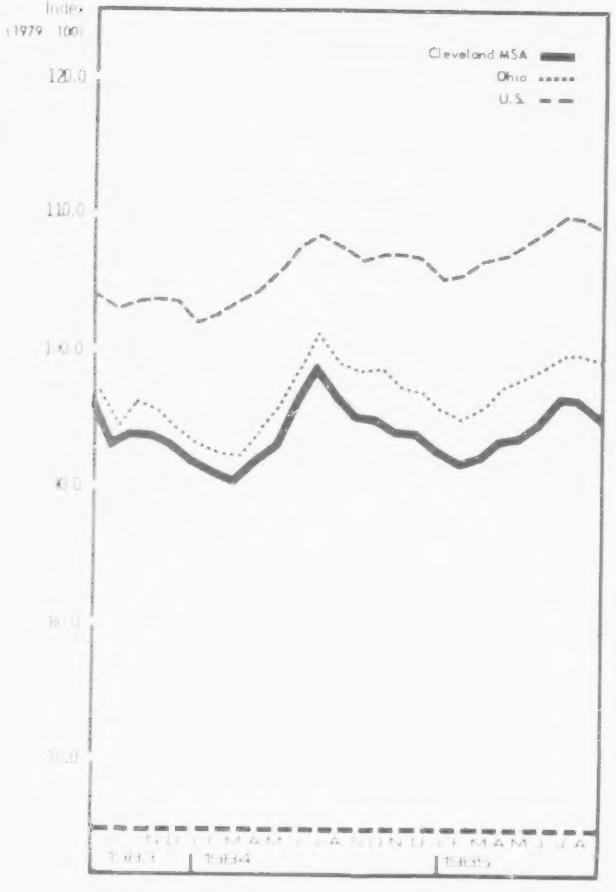
INA - Information not available.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

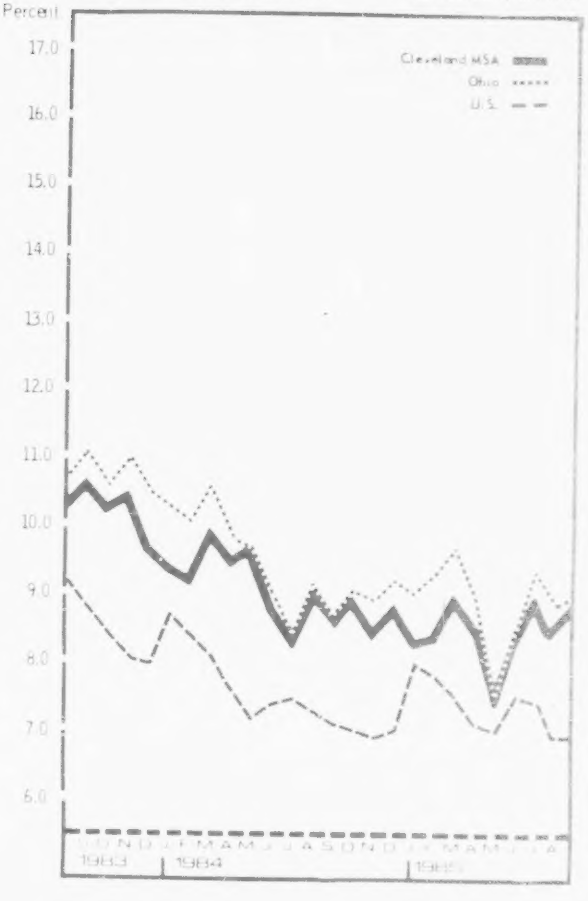


Employment in Cleveland nonfarm industries rose 3,600 from September, to 871,600 in October. Manufacturing totaled 208,400 for the month, down 200 from September, with losses concentrated in fabricated metal products. Seasonal expansion in local government education and in services boosted nonmanufacturing. Average hourly earnings of factory production workers decreased 4¢, to $11.22 an hour. Average weekly hours, at 41.6, were down .4 hours.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



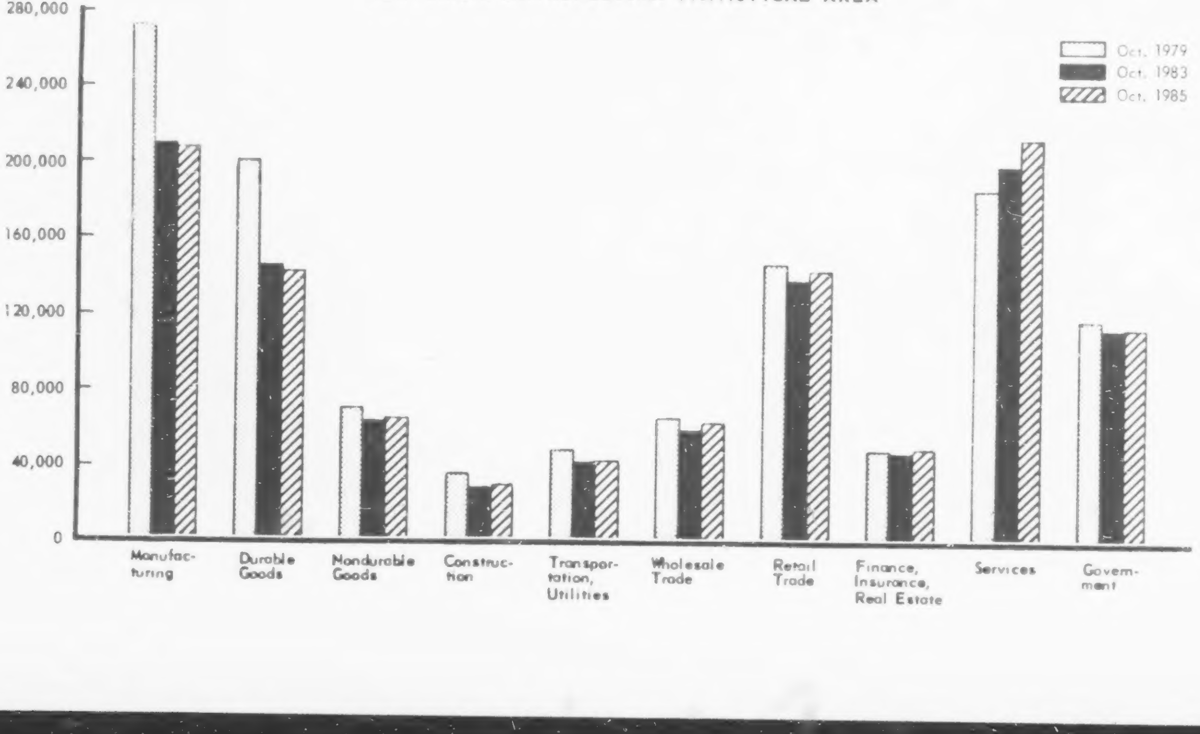
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
899.1	861.4	37.7	4.2	1974	873.2	287.1	199.5	$219.34	42.1	$ 5.21
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	227.45	40.4	5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.5	823.4	105.1	11.3	1983	829.6	207.3	131.9	427.41	40.9	10.45
918.6	836.2	82.4	9.0	1984	849.2	213.2	137.2	456.12	42.0	10.86
				1984						
925.5	846.5	79.0	8.5	September	855.5	214.6	138.4	458.64	42.0	10.92
927.3	845.2	82.1	8.9	October	856.0	214.5	138.6	458.22	42.0	10.91
912.8	837.1	75.7	8.3	November	856.4	214.8	139.2	471.75	42.5	11.10
914.8	835.6	79.2	8.7	December	857.9	214.2	138.3	471.06	42.4	11.11
				1985						
896.2	823.0	73.1	8.2	January	839.7	212.7	137.1	472.64	42.2	11.20
890.7	817.1	73.7	8.3	February	839.7	212.6	137.0	461.90	41.5	11.13
900.6	820.8	79.8	8.9	March	843.6	212.1	136.3	468.00	42.2	11.09
908.9	832.2	76.7	8.4	April	852.2	210.6	134.9	464.82	41.8	11.12
900.2	834.2	66.0	7.3	May	860.5	210.8	135.1	469.14	42.0	11.17
920.7	843.6	77.1	8.4	June	869.1	211.4	135.4	472.22	42.2	11.19
942.8	858.3	84.5	9.0	July	871.5	209.8	133.7	452.76	40.9	11.07
934.5	855.9	78.5	8.4	August	868.6	208.2	132.2	466.21	41.7	11.18
925.6	843.9	81.8	8.8	September	868.0	208.6	133.4	472.92	42.0	11.26
INA	INA	INA	INA	October	871.6	208.4	133.3	466.75	41.6	11.22

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	871.6	868.0	856.0	3.6	15.6
MANUFACTURING	208.4	208.6	214.5	- .2	- 6.1
Durable Goods[e]	143.0	143.0	149.1	.0	- 6.1
Primary metal industries	22.5	22.5	23.3	.0	- .8
Blast furnace and basic steel products	10.9	10.9	11.4	.0	- .5
Iron and steel foundries	5.4	5.4	5.6	.0	- .2
Fabricated metal products	32.6	32.9	34.0	- .3	- 1.3
Fabricated structural metal products .	3.6	3.7	3.7	- .1	- .1
Screw machine products, bolts, etc. ..	4.8	4.8	4.8	.0	- .1
Metal forgings and stampings	11.2	11.3	11.6	- .1	- .4
Machinery, except electrical	31.7	31.9	34.1	- .2	- 2.4
Construction and related machinery ...	2.9	2.9	4.5	.0	- 1.6
Metalworking machinery	10.3	10.4	10.6	- .1	- .3
Special industry machinery	3.6	3.7	3.9	- .1	- .3
General industrial machinery	3.0	2.9	3.0	.0	.0
Electric and electronic equipment	18.4	18.2	19.9	.2	- 1.5
Electrical industrial apparatus	7.1	7.0	7.2	.1	- .1
Transportation equipment	19.9	19.8	20.0	.1	- .1
Motor vehicles and equipment	12.8	12.7	13.3	.1	- .5
Instruments and related products	8.4	8.4	8.3	.0	.1
Measuring and controlling devices	4.2	4.2	4.0	.0	.2
Nondurable Goods[f]	65.4	65.6	65.4	- .2	.0
Food and kindred products	7.3	7.3	7.1	.0	.2
Apparel and other textile products	4.7	4.7	5.1	.0	- .4
Paper and allied products	5.5	5.7	5.6	- .2	- .1
Printing and publishing	15.3	15.4	15.8	- .1	- .5
Chemicals and allied products	14.4	14.5	14.1	- .1	.3
Rubber and misc. plastics products	12.5	12.2	12.0	.3	.5
NONMANUFACTURING[g]	663.2	659.4	641.5	3.8	21.8
CONSTRUCTION	31.4	31.0	29.3	.4	2.1
TRANSPORTATION AND PUBLIC UTILITIES	43.5	43.3	42.8	.2	.7
Trucking and warehousing	11.0	10.8	10.8	.2	.1
Communication, electric, gas services ..	19.8	19.8	19.6	.0	.2
WHOLESALE TRADE	64.1	64.0	62.0	.1	2.1
Wholesale trade—durable goods	45.5	45.4	43.8	.1	1.7
RETAIL TRADE	144.4	144.2	141.1	.2	3.4
General merchandise stores	20.6	20.2	21.6	.4	- 1.0
FINANCE, INSURANCE, AND REAL ESTATE	49.8	50.3	48.5	- .5	1.3
Banking	13.5	13.6	12.9	.0	.6
Credit agencies other than banks	7.8	7.8	7.7	.0	.1
Insurance carriers	11.2	11.5	11.3	- .3	- .1
SERVICES	215.3	213.3	201.7	2.0	13.7
Business services	45.9	45.1	40.4	.8	5.5
Amusement and recreation services	9.1	10.2	6.9	- 1.1	2.2
Health services	67.6	67.2	66.8	.4	.7
GOVERNMENT	113.5	112.1	114.9	1.4	- 1.4
Federal government	20.2	20.0	19.6	.1	.6
State government	7.9	7.3	7.8	.6	.1
State government education[1]	2.9	2.3	2.9	.7	.0
State government, except education ...	5.0	5.1	4.9	- .1	.1
Local government	85.4	84.7	87.5	.7	- 2.1
Local government education	41.5	39.7	43.0	1.8	- 1.5
Local government, except education ...	43.9	45.0	44.5	- 1.1	- .6

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$466.75	$472.92	$458.22	41.6	42.0	42.0	$11.22	$11.26	$10.91
Durable Goods[e]	498.04	504.14	487.05	42.1	42.4	42.5	11.83	11.89	11.46
Primary metal industries	544.58	578.85	558.52	41.1	42.5	42.7	13.25	13.62	13.08
Blast furnace and basic steel products	509.27	509.27	501.03	37.2	37.2	37.7	13.69	13.69	13.29
Iron and steel foundries	727.52	873.60	761.28	45.9	52.0	48.8	15.85	16.80	15.60
Fabricated metal products	484.26	488.20	455.10	42.0	42.6	42.1	11.53	11.46	10.81
Fabricated structural metal products	358.02	387.09	367.98	39.0	41.4	41.3	9.18	9.35	8.91
Screw machine products, bolts, etc.	400.00	413.09	420.64	40.9	41.6	44.0	9.78	9.93	9.56
Metal forgings and stampings	636.68	631.68	574.64	44.9	44.8	43.5	14.18	14.10	13.21
Machinery, except electrical	473.28	474.29	460.22	43.5	43.0	42.3	10.88	11.03	10.88
Construction and related machinery	430.91	402.14	456.12	44.7	41.5	40.4	9.64	9.69	11.29
Metalworking machinery	384.87	387.87	390.40	39.8	39.7	40.0	9.67	9.77	9.76
Special industry machinery	503.44	504.18	453.15	43.4	42.8	39.2	11.60	11.78	11.56
General industrial machinery	441.87	445.72	436.81	42.9	43.4	43.9	10.30	10.27	9.95
Electric and electronic equipment[j]	416.56	410.46	422.92	40.6	40.4	41.1	10.26	10.16	10.29
Electrical industrial apparatus	428.86	425.77	434.52	41.0	40.9	40.8	10.46	10.41	10.65
Transportation equipment	656.32	651.84	625.12	44.8	44.8	45.2	14.65	14.55	13.83
Motor vehicles and equipment	705.97	702.52	666.76	45.4	45.5	45.7	15.55	15.44	14.59
Instruments and related products	408.10	411.87	362.03	41.6	42.2	41.0	9.81	9.76	8.83
Measuring and controlling devices	384.58	388.44	372.28	41.0	41.5	41.0	9.38	9.36	9.08
Nondurable Goods[f]	387.69	391.68	386.63	40.3	40.8	41.0	9.62	9.60	9.43
Food and kindred products	365.31	365.79	392.08	40.1	41.1	41.8	9.11	8.90	9.38
Apparel and other textile products	277.14	282.36	273.02	37.2	37.9	38.4	7.45	7.45	7.11
Paper and allied products	433.63	442.73	438.35	42.1	42.9	44.1	10.30	10.32	9.94
Printing and publishing	394.16	390.20	372.96	37.9	37.7	37.0	10.40	10.35	10.08
Chemicals and allied products	479.97	475.45	488.20	42.4	42.3	42.6	11.32	11.24	11.46
Rubber and misc. plastics products	352.73	370.18	352.70	41.4	42.5	42.7	8.52	8.71	8.26
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	560.96	561.28	527.47	41.8	41.7	40.7	13.42	13.46	12.96
WHOLESALE TRADE	377.20	373.18	360.51	40.0	39.7	39.4	9.43	9.40	9.15
RETAIL TRADE[h]	177.31	179.38	176.18	28.1	28.7	28.6	6.31	6.25	6.16
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	269.12	269.70	251.40	....	....	....	.....	.....	.....

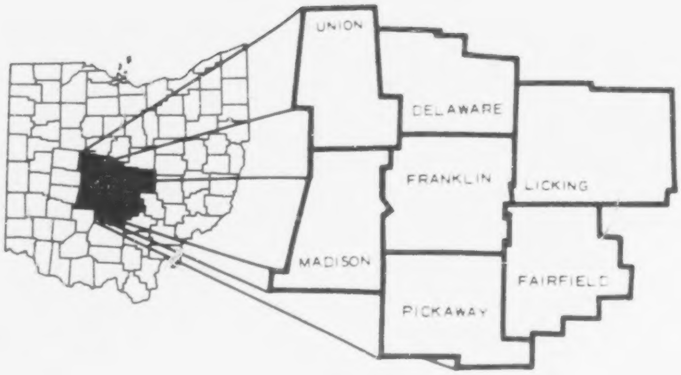
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	9,825	10,277	9,951
Active File of Job Seekers	INA	86,365	107,247
Referrals to Jobs	5,171	5,634	5,346
Placements	1,297	5,747	1,710
Job Openings Received	4,223	4,724	3,242
Job Openings Unfilled	4,[illegible]	3,273	3,421
Unemployment Insurance Program			
Initial Claims	8,800	8,345	9,177
Continued Claims	78,047	71,426	74,487
First Payments	3,714	3,134	3,149
Last Payments	1,410	1,342	1,672
Weeks Compensated	60,050	54,103	51,483
Benefits Paid	$8,[illegible]5,261	$7,840,823	$7,[illegible],477
Average Weekly Payment	$147.[illegible]	$147.44	$14[illegible].30

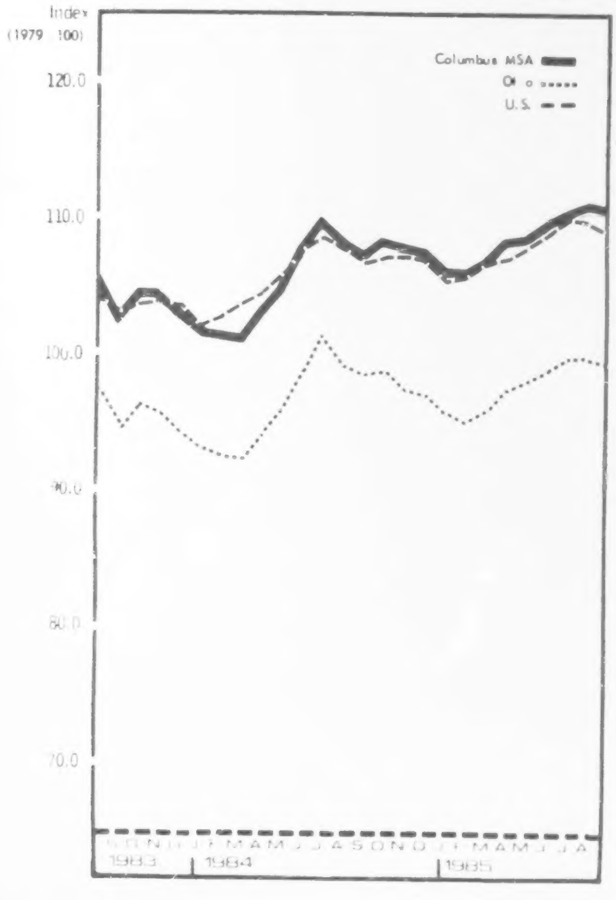
INA - Information not available.

COLUMBUS
METROPOLITAN STATISTICAL AREA

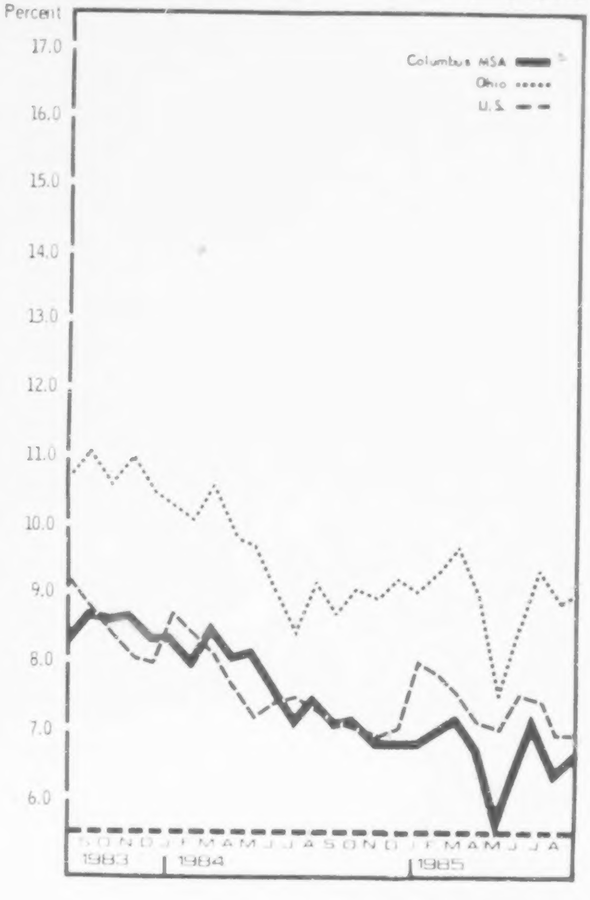


October wage and salary employment in Columbus nonagricultural industries, at 618,000, was 7,000 above September. Seasonal expansion in public and private schools and colleges boosted nonmanufacturing. Factory employment, at 105,200, remained unchanged. Weekly hours for manufacturing production workers, at 41.0 hours, were .7 hours below the September level, while the average hourly earnings were down 4¢ to $10.86.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



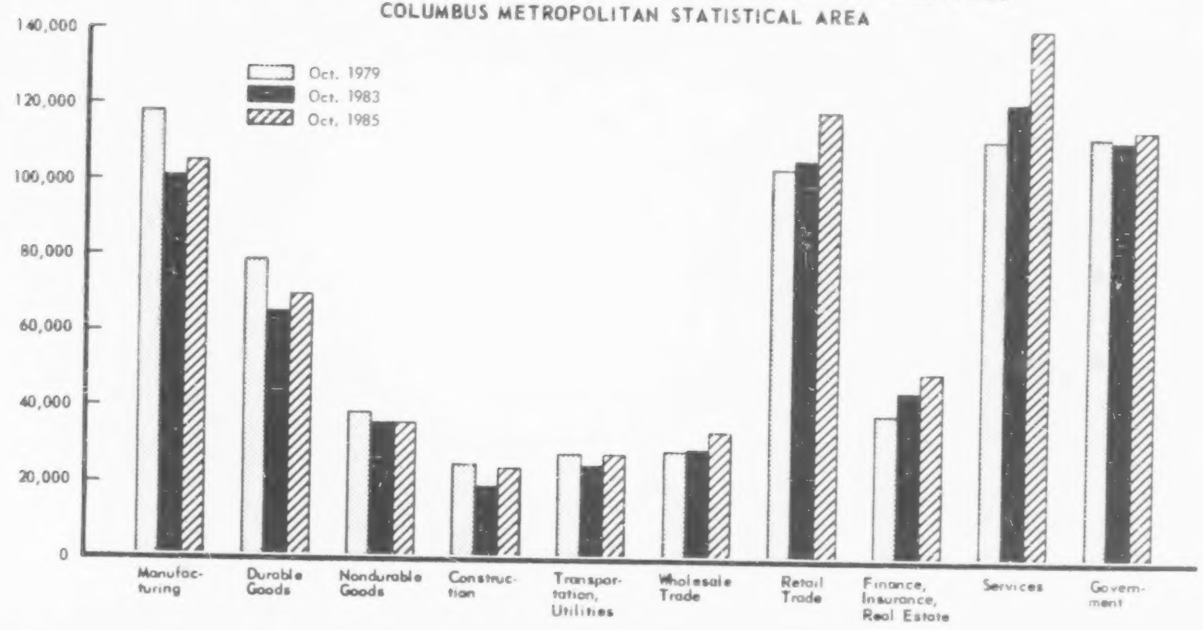
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	501.8	119.4	INA	INA	INA	INA
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.6	587.4	60.2	9.3	1983	548.3	98.7	INA	INA	INA	INA
660.9	611.3	49.6	7.5	1984	574.6	104.5	69.2	$426.06	40.5	$10.52
				1984						
667.3	620.5	46.8	7.0	September	579.9	106.1	71.3	425.17	40.3	10.55
675.2	627.2	48.0	7.1	October	587.5	105.8	71.4	421.45	40.1	10.51
667.9	623.1	44.8	6.7	November	590.7	106.1	72.5	441.25	41.2	10.71
665.3	621.0	44.3	6.7	December	591.6	106.0	70.3	447.44	41.7	10.73
				1985						
654.6	610.8	43.8	6.7	January	578.0	105.3	70.8	428.79	40.3	10.64
655.6	610.5	45.1	6.9	February	582.1	105.8	70.9	409.32	37.9	10.80
662.6	615.7	47.0	7.1	March	586.8	105.6	70.5	452.45	41.7	10.85
670.1	626.1	44.1	6.6	April	594.1	105.2	70.2	441.72	40.9	10.80
664.5	627.7	36.8	5.5	May	599.8	105.1	70.3	433.76	40.5	10.71
678.0	634.8	43.3	6.4	June	605.3	104.4	69.6	442.65	41.1	10.77
686.7	637.6	49.1	7.2	July	598.2	103.9	69.1	439.42	40.8	10.77
685.0	641.6	43.5	6.3	August	601.8	104.3	69.7	440.41	40.9	10.77
683.6	638.4	45.2	6.6	September	611.1	105.2	70.5	454.53	41.7	10.90
INA	INA	INA	INA	October	618.0	105.2	70.2	445.26	41.0	10.86

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	618.0	611.1	587.5	7.0	30.5
MANUFACTURING	105.2	105.2	105.8	.0	- .5
Durable Goods[e]	69.5	69.5	69.7	.0	- .1
Stone, clay, and glass products	11.3	11.3	12.7	- .1	- 1.4
Glass and glassware, pressed or blown	4.2	4.3	5.3	- .1	- 1.1
Fabricated metal products	10.4	10.4	10.4	.0	.0
Fabricated structural metal products	3.2	3.2	3.1	.0	.1
Machinery, except electrical	10.0	10.1	10.7	- .1	- .8
Electrical and electronic equipment	11.3	11.4	12.0	- .1	- .7
Transportation equipment	15.9	15.5	13.0	.3	2.8
Instruments and related products	3.9	3.9	4.0	- .1	- .1
Nondurable Goods[f]	35.7	35.7	36.1	.0	- .4
Food and kindred products	9.7	9.7	10.2	.0	- .5
Printing and publishing	9.4	9.4	9.2	.0	.1
Chemicals and allied products	6.5	6.5	6.7	- .1	- .2
Rubber and misc. plastics products	5.2	5.1	5.2	.1	.0
NONMANUFACTURING[g]	512.8	505.8	481.8	7.0	31.1
CONSTRUCTION	24.1	24.2	21.1	- .1	3.0
TRANSPORTATION AND PUBLIC UTILITIES	28.1	28.0	27.4	.1	.7
Trucking and warehousing	12.3	12.1	11.4	.2	.9
Communication, electric, gas services	11.7	11.8	12.1	- .1	- .4
WHOLESALE TRADE	33.6	33.4	31.3	.2	2.2
wholesale trade-durable goods	21.6	21.5	20.3	.1	1.3
RETAIL TRADE	119.0	118.4	111.0	.6	7.9
General merchandise stores	16.2	15.9	16.1	.3	.1
FINANCE, INSURANCE, AND REAL ESTATE	50.1	50.4	47.3	- .3	2.7
Banking	10.4	10.5	9.5	- .1	.9
Insurance carriers	19.4	19.4	18.9	.0	.4
SERVICES	141.9	140.9	130.0	1.1	11.9
Business services	31.3	31.0	26.8	.3	4.5
Health services	35.5	35.5	34.6	.0	.9
GOVERNMENT	115.0	109.6	112.3	5.4	2.7
Federal government	15.2	15.2	14.8	.0	.5
State government	50.9	46.2	49.7	4.6	1.2
State government education[h]	22.4	17.8	21.7	4.6	.6
State government, except education	28.5	28.5	27.9	.0	.6
Local government	48.9	48.1	47.9	.8	1.0
Local government education	29.7	28.0	28.3	.7	.4
Local government, except education	20.2	20.1	19.6	.1	.6

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$445.26	$454.53	$421.45	41.0	41.7	40.1	$10.86	$10.90	$10.51
Durable Goods[e]	462.89	474.01	434.43	41.0	41.8	40.3	11.29	11.34	10.78
Stone, clay, and glass products	480.17	480.65	453.20	40.9	41.4	40.0	11.74	11.61	11.33
Glass and glassware, pressed or blown	441.86	442.95	430.23	39.7	40.9	38.9	11.13	10.83	11.06
Fabricated metal products	496.54	496.13	445.77	40.8	40.8	39.0	12.17	12.16	11.43
Fabricated structural metal products	397.79	390.85	392.09	39.7	39.6	40.8	10.02	9.87	9.61
Machinery, except electrical	412.70	409.86	393.38	40.5	40.5	40.1	10.19	10.12	9.81
Electric and electronic equipment	439.67	459.82	435.99	40.3	41.5	40.9	10.91	11.08	10.66
Transportation equipment	527.98	559.64	514.54	43.1	44.7	42.7	12.25	12.52	12.05
Instruments and related products	380.42	384.09	360.77	40.6	41.3	39.3	9.37	9.30	9.18
Nondurable Goods[f]	403.10	412.67	390.65	40.8	41.6	39.7	9.88	9.92	9.84
Food and kindred products	392.45	416.33	349.11	40.5	41.8	37.1	9.69	9.96	9.41
Printing and publishing	472.36	468.46	463.32	39.2	39.3	39.6	12.05	11.92	11.70
Chemicals and allied products	484.46	473.93	473.34	42.2	41.5	42.0	11.48	11.42	11.27
Rubber and misc. plastics products	322.63	344.36	317.09	41.9	43.7	40.6	7.70	7.88	7.81
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	543.46	549.92	522.52	40.8	41.1	40.6	13.32	13.38	12.87
WHOLESALE TRADE	297.21	297.98	300.23	38.3	38.4	39.4	7.76	7.76	7.62
RETAIL TRADE[h]	170.24	170.22	161.88	29.1	29.5	28.3	5.85	5.77	5.72
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	237.92	238.06	241.37	....	....	....	.....	.....	.....

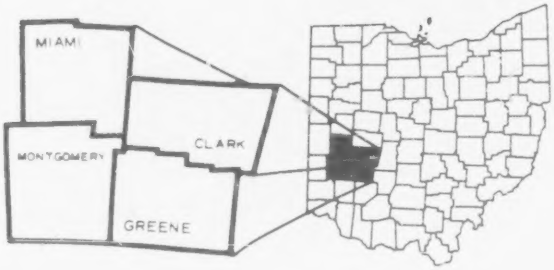
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	7,902	6,159	6,190
Active File of Job Seekers	INA	32,521	55,897
Referrals to Jobs	5,134	3,793	3,574
Placements	1,308	1,065	1,108
Job Openings Received	3,171	2,892	2,472
Job Openings Unfilled	7,884	5,059	7,170
Unemployment Insurance Program			
Initial Claims	5,291	[illegible]	[illegible]
Continued Claims	37,573	[illegible]	[illegible]
First Payments	1,779	1,550	1,611
Last Payments	655	526	86
Weeks Compensated	30,157	25,913	27,48
Benefits Paid	$4,293,841	[illegible]	[illegible]
Average Weekly Payment	$145.60	$143.06	[illegible]

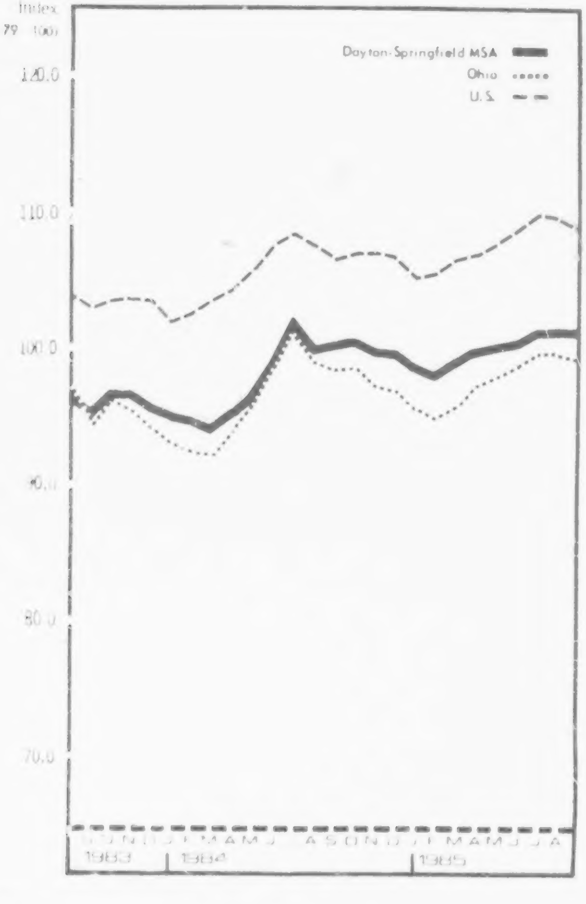
INA - Information not available.

DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA

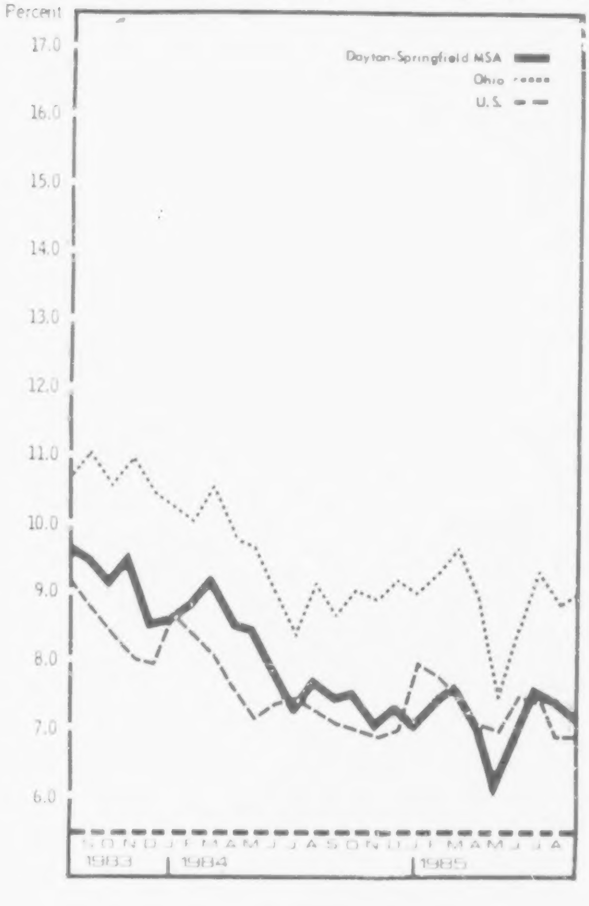


Nonfarm wage and salary employment in the Dayton-Springfield area, at 414,800 in October, was up 1,700 from September. The increase occurred in nonmanufacturing, due to an increase in retailing and seasonal hiring among schools and colleges. Manufacturing employment decreased 200, to 106,000 in October. Hourly earnings and weekly hours of factory production workers—$12.06 and 43.1 hours—were 4¢ and .6 hours below September averages.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



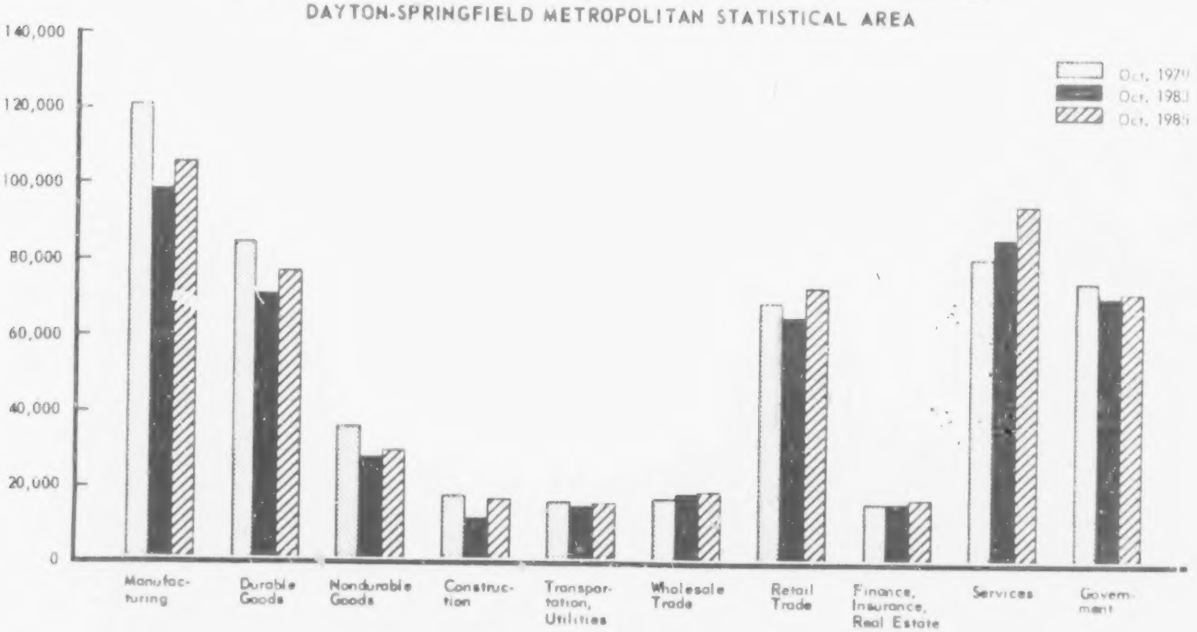
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	376.6	128.1	INA	INA	INA	INA
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	103.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.4	391.9	46.5	10.6	1983	372.3	95.5	INA	INA	INA	INA
444.5	409.2	35.3	7.9	1984	391.6	103.4	67.7	$480.99	42.9	$11.21
				1984						
452.1	418.6	33.5	7.4	September	398.5	105.2	68.9	486.60	43.1	11.29
453.7	419.7	34.0	7.5	October	400.4	105.0	68.9	469.69	42.2	11.13
448.1	416.5	31.5	7.0	November	401.9	105.4	69.2	492.91	43.2	11.41
448.1	415.3	32.7	7.3	December	402.5	105.4	69.1	517.73	44.1	11.74
				1985						
442.4	411.5	30.9	7.0	January	396.4	105.0	68.9	509.95	43.4	11.75
441.6	408.9	32.7	7.4	February	396.7	105.2	69.1	482.70	40.7	11.86
447.2	413.2	34.0	7.6	March	400.5	106.2	69.9	505.13	43.1	11.72
448.3	417.5	30.8	6.9	April	403.0	105.8	69.4	511.49	43.2	11.84
444.8	418.3	26.5	6.0	May	406.6	105.9	69.4	507.40	43.0	11.80
450.4	419.4	31.0	6.9	June	406.7	105.9	69.0	543.23	44.6	12.18
458.3	424.4	34.9	7.6	July	404.4	105.5	68.1	537.03	44.2	12.15
458.4	424.3	34.1	7.4	August	405.0	105.4	68.6	503.11	42.6	11.81
456.5	424.0	32.6	7.1	September	413.1	106.2	69.0	528.77	43.7	12.10
INA	INA	INA	INA	October	414.8	106.8	69.1	519.79	43.1	12.06

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	414.8	413.1	400.4	1.7	14.4
MANUFACTURING	106.0	106.2	105.0	- .2	1.0
Durable Goods[e]	76.5	76.6	76.1	- .1	.4
Fabricated metal products	8.1	8.2	8.0	- .1	.1
Machinery, except electrical	31.2	31.3	32.3	- .1	- 1.2
Metalworking machinery	6.9	6.8	6.7	.1	.2
General industrial machinery	2.7	2.8	2.9	- .1	- .2
Electric and electronic equipment	5.5	5.4	5.6	.1	- .2
Electrical industrial apparatus	3.1	3.1	3.0	.0	.1
Transportation equipment	22.0	22.0	20.5	.0	1.5
Nondurable Goods[f]	29.5	29.6	28.9	- .1	.7
Food and kindred products	3.0	3.0	2.9	.0	.1
Paper and allied products	5.8	5.7	5.7	.1	.1
Printing and publishing	8.2	8.2	8.1	.0	.1
Rubber and misc. plastics products	8.9	9.0	8.5	- .1	.4
NONMANUFACTURING[g]	308.8	306.9	295.4	1.9	13.4
CONSTRUCTION	16.6	16.4	14.2	.2	2.4
TRANSPORTATION AND PUBLIC UTILITIES	16.4	16.2	15.5	.1	.9
Communication, electric, gas services	6.6	6.6	6.8	.0	- .3
WHOLESALE TRADE	19.0	19.0	18.4	.0	.6
Wholesale trade-durable goods	13.4	13.3	12.9	.0	.5
RETAIL TRADE	72.6	72.0	67.4	.6	5.2
General merchandise stores	11.2	10.9	11.4	.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	16.6	16.6	16.4	.0	.2
Banking	4.1	4.1	4.0	.0	.1
Credit agencies other than banks	4.6	4.5	4.1	.1	.5
Insurance carriers	2.8	2.9	3.3	- .1	- .5
SERVICES	95.3	95.1	90.7	.1	4.6
Business services	19.3	19.2	17.6	.1	1.8
Educational services	8.2	7.7	7.3	.4	.9
GOVERNMENT	72.0	71.1	72.5	.9	- .5
Federal government	27.2	27.8	26.4	- .6	.8
State government	6.1	5.3	6.6	.8	- .5
State government education[i]	3.5	2.7	4.0	.8	- .5
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.7	38.0	39.5	.7	- .8
Local government education	24.3	23.4	24.8	.9	- .5
Local government, except education	14.5	14.6	14.7	- .1	- .2

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$519.79	$528.77	$469.69	43.1	43.7	42.2	$12.06	$12.10	$11.13
Durable Goods[e]	540.05	543.75	477.00	43.8	44.1	42.4	12.33	12.33	11.25
Fabricated metal products	357.20	360.28	347.34	40.0	40.3	42.0	8.93	8.94	8.27
Machinery, except electrical	552.32	552.06	515.79	43.8	44.2	43.6	12.61	12.49	11.83
Metalworking machinery	532.67	526.22	504.22	46.4	46.2	44.7	11.48	11.39	11.28
General industrial machinery	433.87	435.14	368.45	41.4	41.8	38.3	10.48	10.41	9.62
Electric and electronic equipment	389.43	398.04	340.63	42.1	42.8	40.6	9.25	9.30	8.39
Electrical industrial apparatus	431.43	450.13	373.35	43.1	44.7	41.3	10.01	10.07	9.04
Transportation equipment	694.25	704.24	595.55	46.5	46.7	42.6	14.93	15.08	13.98
Nondurable Goods[f]	463.80	484.93	449.94	41.3	42.5	41.7	11.23	11.41	10.79
Food and kindred products	367.69	381.07	436.62	40.9	42.2	46.4	8.99	9.03	9.41
Paper and allied products	421.27	435.12	414.04	43.7	44.4	43.4	9.64	9.80	9.54
Printing and publishing	424.14	434.22	405.18	39.2	39.8	39.3	10.82	10.91	10.31
Rubber and misc. plastics products	588.47	623.81	551.69	41.5	43.2	41.7	14.18	14.44	13.23
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	545.61	543.46	502.40	40.9	40.8	40.0	13.34	13.32	12.56
WHOLESALE TRADE	373.10	368.18	374.47	41.0	41.0	41.7	9.10	8.98	8.98
RETAIL TRADE[h]	161.02	162.11	159.04	29.6	29.8	28.4	5.44	5.44	5.60

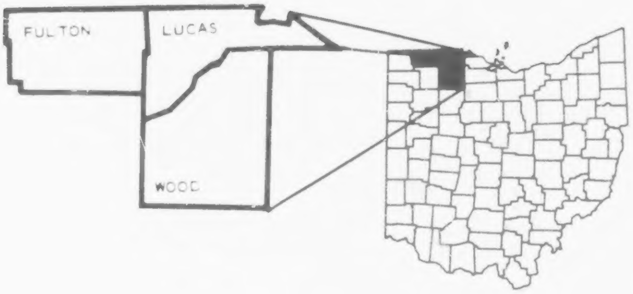
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

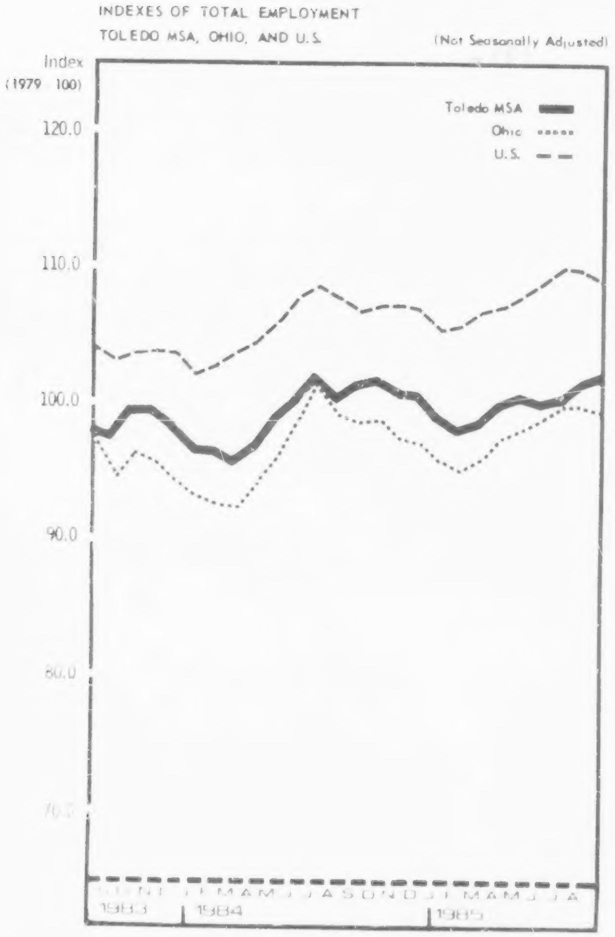
Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	4,441	2,897	4,199
Active File of Job Seekers	INA	20,853	35,632
Referrals to Jobs	2,097	1,395	2,624
Placements	496	309	496
Job Openings Received	1,016	1,133	1,533
Job Openings Unfilled	1,694	1,630	2,028
Unemployment Insurance Program			
Initial Claims	4,033	3,188	5,971
Continued Claims	27,720	22,127	24,678
First Payments	1,576	1,161	1,401
Last Payments	421	379	414
Weeks Compensated	20,530	16,994	17,753
Benefits Paid	$2,796,468	$2,216,237	$2,245,988
Average Weekly Payment	$136.[illegible]	$1[illegible].47	$129.37

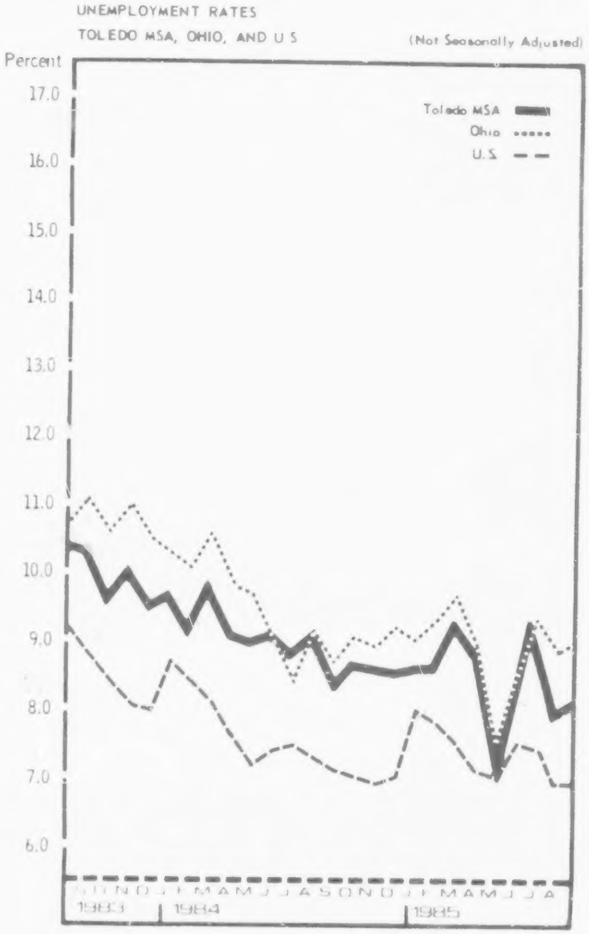
INA = Information not available.

TOLEDO
METROPOLITAN STATISTICAL AREA



Toledo's nonfarm payroll employment increased 1,800 from September, to 269,800 in October. Seasonal expansion in services and education raised nonmanufacturing, while manufacturing, at 66,000, was down 1,500. Much of this decrease occurred in food processing as the canning season came to an end. The average workweek of production workers dropped .1 hours, to 43.0 hours. Hourly earnings increased 5¢, to $12.50 per hour.





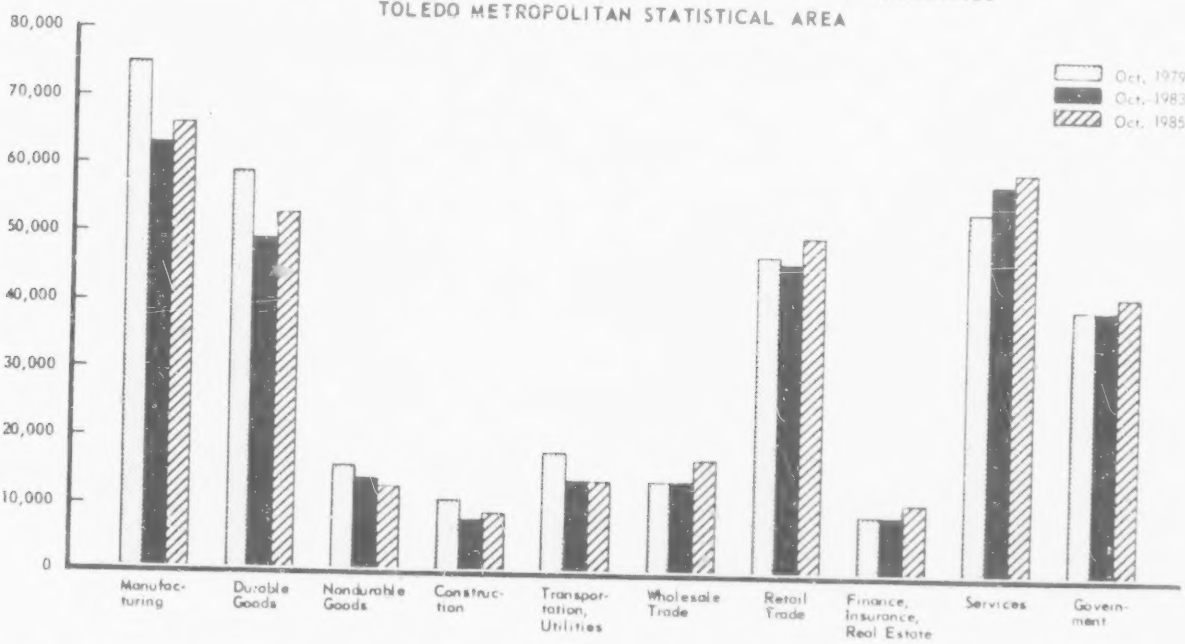
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	251.6	78.8	INA	INA	INA	INA
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.1	256.1	33.0	11.4	1983	244.9	58.6	INA	INA	INA	INA
291.3	265.1	26.2	9.0	1984	255.5	64.8	45.7	$502.42	43.2	$11.63
				1984						
295.6	270.9	24.7	8.3	September	259.7	66.4	47.2	506.04	43.4	11.66
297.8	271.8	26.0	8.7	October	261.1	65.6	46.6	515.96	43.8	11.78
294.5	269.0	25.5	8.6	November	261.3	65.0	46.4	516.35	43.5	11.87
293.8	268.8	25.0	8.5	December	262.5	65.1	45.4	533.05	44.2	12.06
				1985						
289.4	264.5	24.9	8.6	January	256.6	65.1	45.6	529.48	43.4	12.20
285.7	261.2	24.5	8.6	February	255.2	64.3	44.8	507.55	41.5	12.23
290.6	263.6	27.0	9.3	March	257.6	64.5	44.9	519.23	42.7	12.16
293.0	267.5	25.5	8.7	April	260.9	64.8	45.4	507.83	41.9	12.12
288.7	268.5	20.2	7.0	May	263.1	64.8	45.3	513.15	42.2	12.16
290.4	266.9	23.5	8.1	June	261.0	64.6	45.1	517.65	42.5	12.18
296.2	268.6	27.6	9.3	July	258.4	63.7	44.2	517.37	42.2	12.26
294.5	271.2	23.3	7.9	August	261.2	66.3	46.8	531.42	43.1	12.33
297.3	273.2	24.1	8.1	September	268.0	67.5	48.0	536.60	43.1	12.45
INA	INA	INA	INA	October	269.8	66.0	46.5	537.50	43.0	12.50

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	269.8	268.0	261.1	1.8	8.7
MANUFACTURING	66.0	67.5	65.6	- 1.5	.4
Durable Goods[e]	53.3	53.6	51.6	- .3	1.7
Stone, clay, and glass products	9.6	9.5	9.6	.1	.0
Primary metal industries	3.8	3.7	3.6	.1	.1
Fabricated metal products	7.5	7.5	7.6	.0	- .2
Metal forgings and stampings	3.7	3.6	3.6	.0	.0
Machinery, except electrical	5.9	6.0	6.2	.0	- .2
Electric and electronic equipment	2.9	3.1	3.3	- .1	- .3
Transportation equipment	19.7	20.0	17.4	- .3	2.3
Motor vehicles and equipment	18.5	18.8	16.2	- .3	2.4
Nondurable Goods[f]	12.7	13.9	14.0	- 1.1	- 1.3
Food and kindred products	3.3	4.4	3.7	- 1.1	- .4
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[g]	203.8	200.5	195.5	3.3	8.3
CONSTRUCTION	9.4	9.1	8.7	.4	.7
TRANSPORTATION AND PUBLIC UTILITIES	14.3	14.1	14.5	.2	- .2
Trucking and warehousing	6.0	5.7	5.8	.2	.2
Communication, electric, gas services	4.9	4.8	5.0	.0	- .1
WHOLESALE TRADE	16.8	16.8	15.6	- .1	1.2
Wholesale trade-durable goods	11.5	11.6	10.6	- .1	.9
RETAIL TRADE	50.1	49.8	47.6	.4	2.5
General merchandise stores	7.1	7.1	7.3	.0	- .2
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	10.1	.0	.8
Banking	3.6	3.6	3.3	.0	.2
SERVICES	60.4	59.9	57.4	.5	3.0
Business services	11.5	11.2	10.2	.2	1.3
Health services	24.2	24.1	24.0	.1	.2
GOVERNMENT	41.7	39.8	41.3	1.8	.4
State government	15.2	13.7	15.2	1.5	.0
State government education[i]	11.3	9.8	11.4	1.5	.0
State government, except education	3.9	3.9	3.9	.0	.0
Local government	23.9	23.5	23.6	.3	.3
Local government education	13.8	13.3	13.6	.5	.2
Local government, except education	10.1	10.2	10.1	- .1	.1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]
MANUFACTURING	$537.50	$536.60	$515.96	43.0	43.1	43.8	$12.50	$12.45	$11.78
Durable Goods[e]	562.89	568.11	540.67	43.5	43.6	44.1	12.94	13.03	12.26
Stone, clay, and glass products	541.02	543.09	500.82	42.6	43.0	41.7	12.70	12.63	12.01
Primary metal industries	496.84	517.04	508.11	44.4	46.0	47.8	11.19	11.24	10.63
Fabricated metal products	496.22	485.55	471.41	43.0	41.5	42.7	11.54	11.70	11.04
Metal forgings and stampings	542.41	564.07	538.82	41.5	42.7	42.9	13.07	13.21	12.56
Machinery, except electrical	453.18	443.72	437.38	42.0	41.9	40.8	10.79	10.59	10.72
Electric and electronic equipment	512.11	490.77	498.08	41.5	41.0	43.5	12.34	11.97	11.45
Transportation equipment	667.06	684.62	656.53	44.5	45.1	46.3	14.99	15.18	14.18
Motor vehicles and equipment	668.66	687.78	661.70	44.4	45.1	46.5	15.06	15.25	14.23
Nondurable Goods[f]	423.05	411.35	429.41	40.6	41.3	42.6	10.42	9.96	10.08
Food and kindred products	457.00	422.01	443.72	40.3	42.8	41.2	11.34	9.86	10.77
Rubber and misc. plastics products	310.03	311.64	352.02	38.9	39.2	44.9	7.97	7.95	7.84
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	585.47	581.19	538.26	43.4	43.6	41.5	13.49	13.33	12.97
WHOLESALE TRADE	340.58	335.17	308.54	37.8	37.2	36.6	9.01	9.01	8.43
RETAIL TRADE[h]	154.18	156.11	154.27	29.2	29.4	28.1	5.28	5.31	5.49

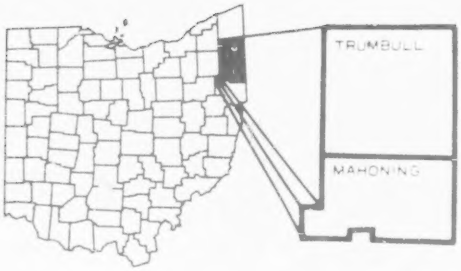
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	October 1985	September 1985	October 1984
Employment Service Program			
New Applicants	4,229	2,760	3,276
Active File of Job Seekers	INA	24,947	37,921
Referrals to Jobs	2,161	2,092	1,312
Placements	964	662	672
Job Openings Received	1,480	1,064	6,727
Job Openings Unfilled	1,950	1,898	7,605
Unemployment Insurance Program			
Initial Claims	3,841	3,204	5,264
Continued Claims	20,006	18,42[illegible]	23,121
First Payments	97[illegible]	[illegible]	1,36[illegible]
Last Payments	309	347	352
Weeks Compensated	14,652	13,[illegible]	18,4[illegible]
Benefits Paid	$1,[illegible],424	$1,[illegible]24,[illegible]	$[illegible],141,14[illegible]
Average Weekly Payment	$140.11	$1[illegible].74	$14[illegible]

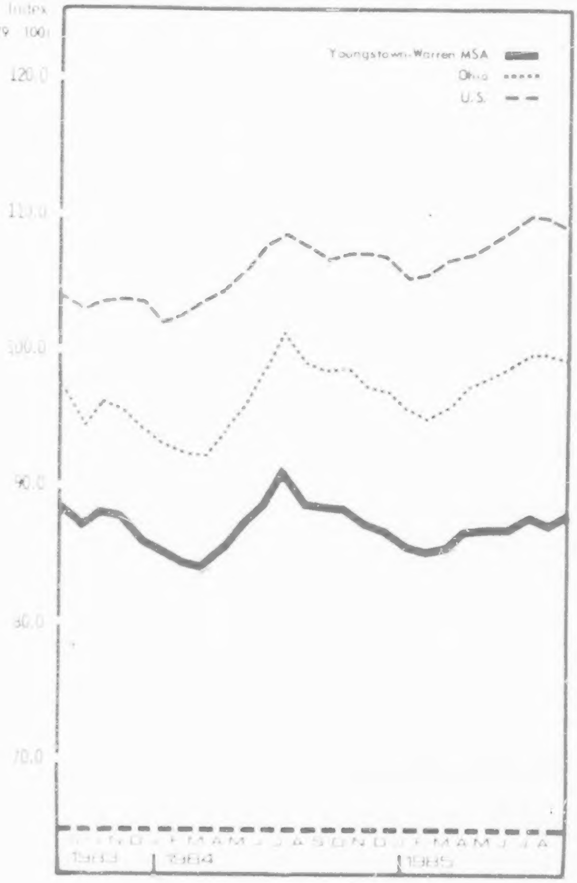
INA - Information not available.

YOUNGSTOWN - WARREN
METROPOLITAN STATISTICAL AREA

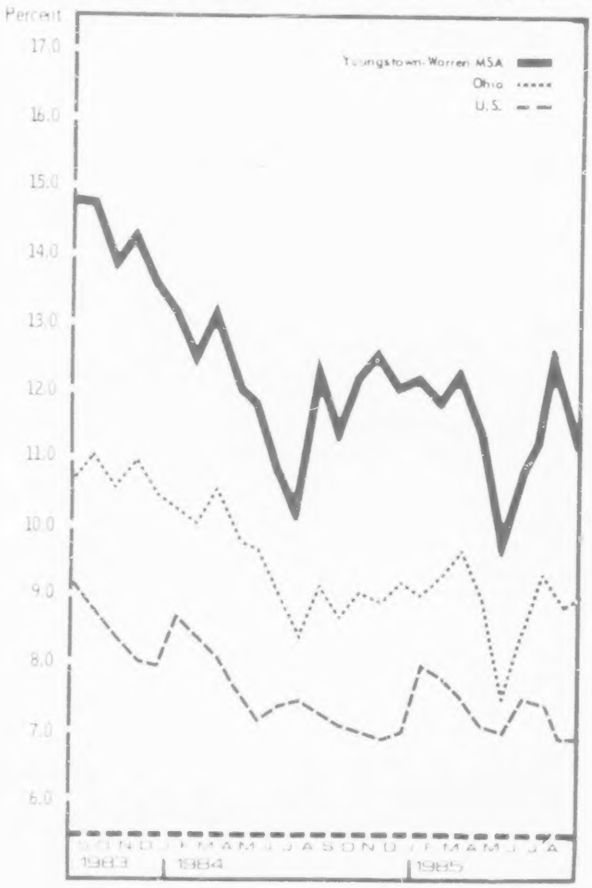


Nonagricultural establishments in the Youngstown-Warren area employed 186,500 wage and salary workers in October, up 300 from September. Manufacturing decreased 300, to 53,200 for the month, as lack of orders were reported in primary metal industries. In nonmanufacturing, seasonal pickups in education were partially offset by seasonal losses in outdoor recreation and eating and drinking establishments. The average factory production worker grossed $13.25 per hour, up 15¢ from September. The workweek rose 2.3 hours, to 44.5 hours.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



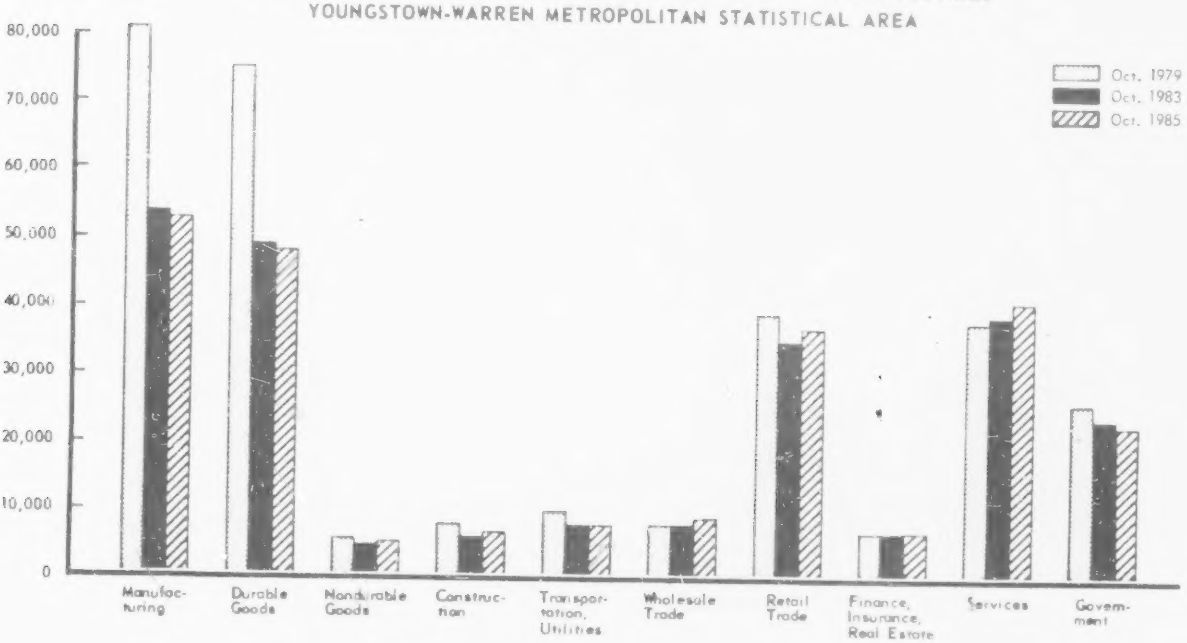
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	223.7	13.0	5.5	1974	213.5	92.0	74.2	$236.06	40.7	$5.80
236.7	209.8	26.9	11.4	1975	209.7	80.8	63.3	246.05	38.5	6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	312.56	41.4	7.55
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	75.8	54.1	413.76	39.9	10.37
234.0	205.7	28.2	12.1	1981	196.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	188.6	52.0	38.1	460.60	39.3	11.72
225.6	188.1	37.4	16.6	1983	177.4	52.8	39.2	521.20	42.1	12.38
218.1	191.9	26.2	12.0	1984	182.3	55.2	41.8	555.97	43.3	12.84
				1984						
219.4	194.6	24.8	11.3	September	184.0	55.1	41.0	558.54	43.5	12.84
221.5	194.4	27.1	12.2	October	184.2	54.4	41.5	546.99	42.7	12.81
220.1	192.3	27.8	12.6	November	184.2	54.4	41.5	539.33	42.3	12.75
217.2	191.2	26.0	12.0	December	184.0	54.0	41.7	563.30	43.0	13.10
				1985						
214.6	188.4	26.1	12.2	January	180.1	53.8	41.0	585.20	44.0	13.30
212.3	187.2	25.1	11.8	February	180.0	53.4	41.8	552.02	42.3	13.05
214.8	[illegible]	26.4	12.3	March	181.4	53.6	41.1	556.33	42.5	13.09
215.4	191.0	24.4	11.3	April	183.2	53.7	41.1	551.59	42.3	13.04
212.1	191.7	20.4	9.6	May	185.2	53.0	40.4	570.24	43.2	13.20
215.2	191.8	23.3	10.8	June	184.9	53.1	41.3	563.68	42.8	13.17
218.1	193.4	24.7	11.3	July	183.7	52.5	39.8	569.67	42.8	13.31
219.4	191.8	27.6	12.6	August	181.1	49.7	37.1	535.35	41.5	12.90
218.0	193.6	24.4	11.2	September	184.2	53.5	41.5	552.82	42.2	13.10
INA	INA	INA	INA	October	186.5	53.3	41.3	589.63	44.5	13.25

INA- Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	October 1985[b]	September 1985[c]	October 1984[c]	From Last Month	From Last Year
TOTAL	186.5	186.2	184.2	.3	2.3
MANUFACTURING	53.2	53.5	54.4	- .3	- 1.2
Durable Goods[e]	47.[illegible]	47.[illegible]	48.[illegible]	- .[illegible]	- 1.3
Primary metal industries	[illegible]	20.1	21.[illegible]	- .2	- 1.[illegible]
Blast furnace and basic steel products	[illegible].3	[illegible].4	[illegible]	.[illegible]	- 1.3
Fabricated metal products	[illegible].1	[illegible].1	[illegible].2	.0	- .[illegible]
Machinery, except electrical	3.[illegible]	3.[illegible]	[illegible]	.0	- .[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	.[illegible]	- .3
Transportation equipment	[illegible]	1[illegible]	[illegible]	- .1	-1.0
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	.0	.1
NONMANUFACTURING[g]	133.3	[illegible]	[illegible]	.[illegible]	3.5
CONSTRUCTION	[illegible]	[illegible]	[illegible]	- .1	.3
TRANSPORTATION AND PUBLIC UTILITIES	7.8	[illegible]	[illegible]	.1	- .[illegible]
Communication, electric, gas services	3.0	3.1	3.2	.0	- .1
WHOLESALE TRADE	[illegible]	[illegible]	8.4	- .1	.[illegible]
Wholesale trade-durable goods	[illegible]	[illegible]	[illegible]	- .[illegible]	.3
RETAIL TRADE	3[illegible].4	3[illegible].2	3[illegible]	.[illegible]	1.8
General merchandise stores	5.8	5.7	[illegible]	.2	- .[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	7.[illegible]	7.5	[illegible].2	.0	.2
Banking	2.[illegible]	[illegible]	[illegible]	.0	.0
SERVICES	41.3	41.[illegible]	4[illegible].1	- .3	1.2
Health services	17.[illegible]	1[illegible]	[illegible]	- .1	- .[illegible]
GOVERNMENT	2[illegible]	[illegible]	23.[illegible]	.8	- .[illegible]
State government	3.0	2.[illegible]	3.[illegible]	.[illegible]	- .[illegible]
State government education	[illegible]	[illegible]	[illegible]	.[illegible]	- .[illegible]
State government, except education	[illegible]	1.5	1.4	.[illegible]	.[illegible]
Local government	1[illegible]	[illegible]	[illegible]	.3	.[illegible]
Local government education	11.7	1[illegible]	11.7	.4	.[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	- .1	.0

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN–WARREN METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1985[b]	September 1985[c]	October 1984[c]	Oct. 1985[b]	Sep. 1985[c]	Oct. 1984[c]	Oct. 1985[b]	Sep. 1985[c]	[illegible]
MANUFACTURING	$[illegible]	$[illegible].82	$546.[illegible]	44.5	42.2	42.[illegible]	$[illegible]	$[illegible]	$[illegible]
Durable Goods[e]	611.97	571.13	563.28	44.8	42.4	42.9	13.[illegible]	13.4[illegible]	[illegible]
Primary metal industries	574.25	581.40	576.51	40.[illegible]	40.6	41.8	14.1[illegible]	14.[illegible]	[illegible]
Blast furnace and basic steel products	475.52	475.52	522.36	35.[illegible]	35.7	39.3	13.32	13.[illegible]	[illegible]
Fabricated metal products	575.09	542.44	540.[illegible]	41.1	40.7	41.8	13.66	13.3[illegible]	[illegible]
Machinery, except electrical	468.71	461.70	44[illegible].17	41.[illegible]	40.5	39.5	11.46	11.4[illegible]	[illegible]
Electric and electronic equipment	393.[illegible]	384.43	435.56	38.[illegible]	39.1	41.[illegible]	10.15	[illegible]	[illegible]
Transportation equipment	886.40	783.72	690.[illegible]	57.[illegible]	48.9	46.1	15.34	14.[illegible]	[illegible]
Nondurable Goods[f]	368.[illegible]	365.5[illegible]	364.31	41.4	39.6	40.[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services ..	544.19	527.7[illegible]	506.[illegible]	41.7	41.1	40.[illegible]	13.[illegible]	12.84	[illegible]
WHOLESALE TRADE	317.60	315.17	326.78	37.9	37.[illegible]	39.4	[illegible]	[illegible]	[illegible]
RETAIL TRADE[h]	166.40	165.25	165.8[illegible]	29.4	29.3	28.8	[illegible]	[illegible].64	[illegible]

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	October 1985	September 1985	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	INA	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

INA—Information not available

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	44
Manufacturing	63
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	46
Wholesale Trade	22
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	Oct 1985	Sep 1985	Oct 1984
New Applicants	62,980	51,962	58,627
Active File of Job Seekers	INA	348,495	547,622
Counseling Interviews	2,848	2,002	2,682
Tests Administered	1,931	2,513	2,186
General Aptitude Tests ..	296	164	279
Proficiency Tests	751	529	683
Specific Aptitude Tests .	552	878	1,076
Referrals to Jobs	36,492	30,531	34,514
Placements	10,598	14,408	11,319
Job Openings Received	19,722	18,254	23,616
Job Openings Unfilled	26,694	24,831	30,716

Selected Unemployment Insurance Activities

Activity	Oct 1985	Sep 1985	Oct 1984
Initial Claims	68,175	55,043	77,254
Continued Claims	461,663	405,502	434,197
First Payments	23,966	21,463	21,831
Last Payments	7,787	6,937	7,738
Average Weekly Claimants ..	96,356	97,235	91,357
Average Weekly Benefit Recipients	77,356	79,968	71,589
Weeks Compensated	363,417	319,871	310,537
Benefits Paid	$49,446,290	$45,097,370	$43,328,361
Average Weekly Payment	$149.52	$149.16	$143.48
Continued Claims for Survey Week	97,375	97,442	93,402
Insured Unemployment Rate .	2.4	2.4	2.3
Net Contributions	$47,554,938	$4,500,017	$48,853,824
Active Employer Accounts ..	189,817	139,940	189,143

INA-Information not available.

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Labor Market Information Division
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Columbus, Ohio 43216

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A WORKING OHIO
the heart of it all

1/16/86 56270-1

Ohio
Labor
Market
Information

Labor Market Review

November 1985

Summary. In November, Ohio's seasonally adjusted unemployment rate was 8.9 percent, down from the October 1985 rate of 9.2 percent but slightly above the 8.8 percent reported in November 1984. The corresponding national rate for November—7.0 percent—was down fractionally from 7.1 percent last month. The unadjusted unemployment rate for Ohio stood at 9.0 percent for the third month in a row. The actual number of unemployed workers in the state slipped 3,000, to 467,000 in November. Total employment, at 4,744,000, was down .3 percent from October. Nonagricultural wage and salary employment rose .3 percent from October to 4,450,000. Seasonal gains in retail trade and local schools more than offset losses in construction (see tables, top of page 3).

Factory Employment. Manufacturing employment in Ohio advanced 2,200 from October, to 1,113,000 in November. Settlement of labor-management disputes in primary metals and transportation equipment accounted for most of the increase. Losses were reported in most other durable-goods industries. Among producers of nondurable goods, food processors showed the only noteworthy loss as the canning season ended. Industrial inorganic chemicals, miscellaneous plastics products, and printing and publishing added employees over the month.

Nonmanufacturing. Ohio's nonmanufacturing employment totaled 3,337,000 in November, up 11,600 from October (see table, page 9). Increases in department, apparel, and food stores lifted retail trade significantly, although employment in eating and drinking establishments dropped off seasonally. Employment in public schools continued to rise in November, but seasonal factors caused declines in construction.

Factory Hours and Earnings. Factory production workers earned $486.33 per week in November, up nearly $4.00 from October. The workweek increased .2 hours, to 42.4, and average hourly earnings rose $.04, to $11.47. Increased overtime in aircraft and parts, metalworking machinery, chemicals, rubber and plastics products, and printing and publishing contributed to these changes.

Over the Year. The seasonally unadjusted unemployment rate in Ohio rose slightly over the year, from 8.9 percent in November 1984 to 9.0 percent in November 1985. There were 11,000 more unemployed this month than one year ago. Total employment increased 1.8 percent, while nonagricultural wage and salary employment gained 2.8 percent. Nonmanufacturing employment advanced nearly 141,000 between November 1984 and November 1985, with the largest increases in services and retail trade. Manufacturing employment declined by nearly 21,000 jobs during the same period. Sizable gains in the manufacture of transportation equipment were more than offset by reductions in nearly every other manufacturing category.

Benefits and Costs. Ohio workers receiving benefits under the Ohio Unemployment Compensation Law numbered 84,231 in November 1985, up 8.9 percent from the previous month. There were 78,989 initial claims for benefits, up 15.9 percent from October, but down 6.5 percent from November 1984. The average weekly unemployment check was $148.29, down $1.23 from one month ago. Total benefits paid under the Ohio Law were $51.9 million in November, compared to $49.4 million in October. There were 190,314 active employer accounts at the end of the month.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. In November 1985, the Ohio Bureau of Employment Services processed 45,237 new job applicants. This was a 27.0 percent drop from the previous month, but a 3.4 percent increase over November 1984. Nearly 22,000 job openings were received from employers during the month and 34,156 applicants were referred to jobs by the Employment Service Division (see table, page 47).

BANK ON OBES

Are you having difficulty locating the workers you need? You might be able to solve this problem by putting your job openings in the National Job Bank System through the Ohio Bureau of Employment Services (OBES).

A few facts about the National Job Bank System:

- It is part of the largest computerized network of job openings in the United States.
- It operates on three levels to fill your need for workers: locally, statewide and interstate-wide.
- It can provide national exposure of your job order without cost to you.

For further information, contact your nearest OBES office.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1974	4,710	4,485	225	4.8	5.6
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,100	4,479	621	12.2	9.6
1984	5,099	4,618	481	9.4	7.5
1984					
November.	5,114	4,659	456	8.9	6.9
December.	5,104	4,634	470	9.2	7.0
1985					
January .	5,022	4,568	454	9.0	8.0
February.	5,001	4,536	465	9.3	7.8
March ...	5,069	4,578	491	9.7	7.5
April ...	5,110	4,657	454	8.9	7.1
May	5,066	4,684	382	7.5	7.0
June	5,157	4,716	440	8.5	7.5
July	5,249	4,761	488	9.3	7.4
August ..	5,218	4,761	457	8.8	6.9
September	5,195	4,728	466	9.0	6.9
October .	5,226	4,756	470	9.0	6.8
November.	5,211	4,744	467	9.0	6.7

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.6	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,886.0
1978	4,394.9	1,377.2	3,017.7
1979	4,484.8	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.7	1,232.6	3,085.1
1982	4,124.3	1,099.9	3,024.4
1983	4,091.7	1,066.0	3,025.7
1984	4,248.0	1,125.1	3,122.9
1984			
November.	4,330.2	1,133.6	3,196.6
December.	4,332.8	1,130.5	3,202.3
1985			
January .	4,241.1	1,126.3	3,114.8
February.	4,242.3	1,122.5	3,119.9
March ...	4,273.6	1,123.5	3,150.2
April ...	4,320.2	1,120.7	3,199.5
May	4,371.1	1,120.2	3,250.9
June	4,392.3	1,121.1	3,271.2
July	4,363.4	1,111.1	3,252.3
August ..	4,365.2	1,109.3	3,255.9
September	4,417.7	1,112.3	3,305.4
October .	4,436.6	1,110.9	3,325.7
November.	4,450.4	1,113.1	3,337.3

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.2	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	130.8	198.5	222.5	711.0	207.0	873.3	656.1
1984	27.6	142.9	205.7	235.9	740.9	211.5	903.8	654.5
1984								
November.	27.7	154.8	207.9	240.1	762.6	213.1	917.3	673.2
December.	27.1	144.9	208.5	240.8	777.1	213.9	917.0	673.0
1985								
January .	27.0	126.7	203.5	239.3	739.5	213.8	907.4	657.7
February.	26.5	121.8	203.9	240.2	729.6	214.4	912.9	670.6
March ...	26.7	127.9	204.7	242.2	737.7	215.1	920.6	675.3
April ...	26.7	139.9	206.9	244.7	755.3	216.6	935.8	673.6
May	27.1	150.8	208.9	246.4	769.9	218.1	952.1	677.7
June	27.4	158.7	210.2	248.9	778.	221.1	964.1	662.0
July	27.7	165.3	209.9	250.0	781.6	222.7	964.6	630.3
August ..	27.5	169.3	208.6	251.0	786.8	222.7	966.4	623.7
September	27.5	169.6	209.8	251.2	791.2	222.3	976.7	656.9
October .	27.4	170.1	210.0	252.2	793.8	221.4	973.0	677.8
November.	27.5	163.8	209.9	252.9	804.7	222.2	972.8	683.5

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1974	1,416.6	1,013.1	403.5	1,028.7	$217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.7	398.4	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.0	723.6	342.4	721.6	315.5	30.5
1984	1,125.1	771.8	353.3	780.4	361.8	33.0
1984						
November.	1,133.6	777.8	355.8	788.6	373.6	33.6
December.	1,130.5	776.0	354.5	784.2	375.6	33.6
1985						
January .	1,126.3	774.5	351.7	780.6	373.1	33.0
February .	1,122.5	772.2	350.3	777.1	353.2	31.0
March ...	1,123.5	772.1	351.3	777.5	373.2	33.0
April ...	1,120.7	770.3	350.4	774.6	368.9	32.5
May	1,120.2	770.0	350.2	773.6	366.1	32.5
June	1,121.1	769.6	351.5	773.6	372.1	32.7
July	1,111.1	763.1	348.0	763.3	360.6	31.8
August ..	1,109.3	756.3	353.0	761.9	357.7	31.8
September	1,112.3	757.6	354.7	765.7	367.1	32.3
October .	1,110.8	760.6	350.2	765.6	369.3	32.3
November.	1,113.1	762.0	351.1	766.9	373.0	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1974	$211.36	$216.94	$196.17	41.2	41.4	40.7	$ 5.13	$ 5.24	$ 4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.4	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.78	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1984	463.61	482.38	417.83	42.3	42.5	41.7	10.96	11.35	10.02
1984									
November.	473.71	495.50	423.19	42.6	42.9	41.9	11.12	11.55	10.10
December.	483.05	506.18	426.72	42.9	43.3	42.0	11.26	11.69	10.16
1985									
January .	477.99	500.12	420.43	42.3	42.6	41.3	11.30	11.74	10.18
February.	454.46	478.43	411.93	39.9	40.5	39.8	11.39	11.81	10.35
March ...	479.97	501.30	424.76	42.4	42.7	41.4	11.32	11.74	10.26
April ...	476.28	497.45	424.98	42.0	42.3	41.3	11.34	11.76	10.29
May	475.86	498.20	420.66	42.0	42.4	41.0	11.33	11.75	10.26
June	480.95	502.25	429.11	42.3	42.6	41.5	11.37	11.79	10.34
July	472.46	490.31	426.01	41.7	41.8	41.2	11.33	11.73	10.34
August ..	469.54	489.81	422.91	41.7	41.9	41.3	11.26	11.69	10.24
September	479.39	500.74	430.54	42.2	42.4	41.8	11.36	11.81	10.30
October .	482.35	505.33	424.98	42.2	42.5	41.3	11.43	11.89	10.29
November.	486.33	508.56	432.85	42.4	42.7	41.7	11.47	11.91	10.38

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.3	138.2	167.1	92.9	145.3	62.8	64.7	91.0
1984									
November.	52.7	105.4	139.8	169.9	93.1	148.0	62.6	65.2	92.5
December.	51.9	104.1	139.5	169.4	93.3	149.5	62.5	64.8	92.2
1985									
January .	50.7	104.3	139.1	168.7	93.7	150.1	61.7	64.3	91.8
February.	50.1	104.1	138.7	168.4	93.2	150.1	60.7	64.3	91.4
March ...	50.2	103.7	138.0	168.8	92.3	150.9	61.0	64.7	91.5
April ...	51.2	102.7	137.7	168.1	90.5	151.6	60.5	64.7	90.9
May	51.1	102.3	138.5	166.9	89.3	152.4	60.0	64.8	91.0
June	51.4	101.3	138.7	165.8	89.4	153.0	61.9	64.5	90.6
July	51.1	100.7	136.2	164.4	88.6	152.3	61.9	64.6	87.7
August ..	51.6	96.5	135.2	162.4	88.7	151.7	64.7	64.8	89.5
September	51.8	96.0	137.1	162.2	88.1	152.0	65.1	64.9	90.4
October .	51.5	96.5	136.6	161.6	88.0	155.7	62.6	65.1	90.3
November.	51.2	98.3	136.1	161.2	87.3	158.0	62.0	65.6	90.8
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1974	$194.21	$246.03	$213.62	$219.05	$184.61	$244.91	$204.89	$211.14	$199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	419.99
1984									
November.	427.43	547.79	475.15	477.17	428.69	643.10	420.31	391.33	421.71
December.	431.38	543.86	500.40	489.51	440.58	654.19	425.72	398.04	424.87
1985									
January .	418.99	539.97	495.20	479.70	422.65	659.75	413.34	384.81	424.42
February.	405.08	540.70	465.66	458.49	404.07	586.40	408.04	376.66	412.08
March ...	428.48	546.33	502.15	476.69	438.48	634.05	414.83	390.02	428.96
April ...	440.16	548.47	505.57	470.22	427.18	621.53	413.00	386.83	429.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.19	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August ..	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	439.95	553.50	487.39	478.13	435.59	638.17	423.47	403.52	431.63
October .	441.84	541.86	490.98	478.41	446.71	653.05	408.93	399.36	426.38
November.	441.42	545.79	495.01	483.36	448.75	650.13	405.15	412.12	434.35

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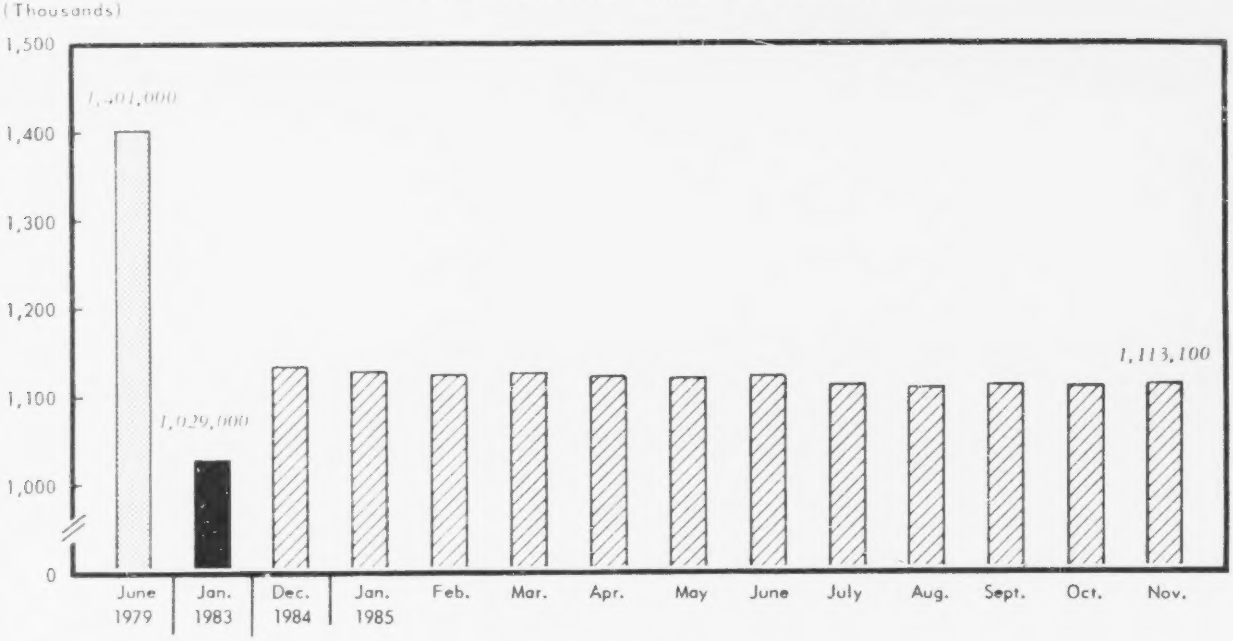
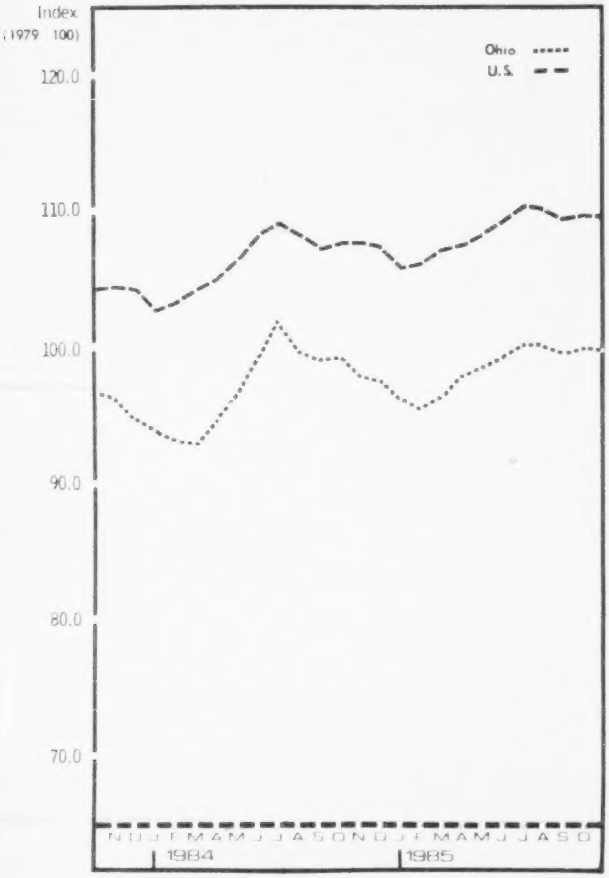
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

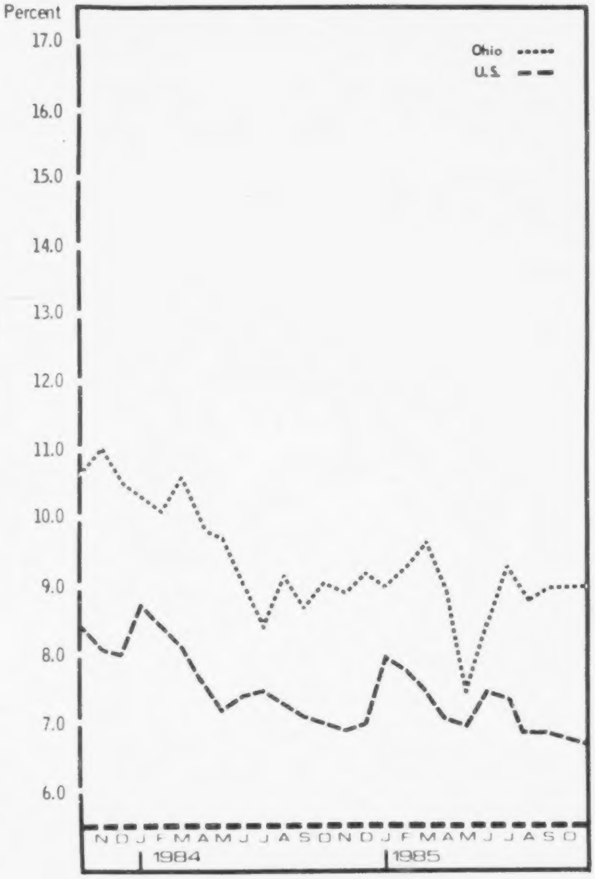
OHIO'S MANUFACTURING EMPLOYMENT



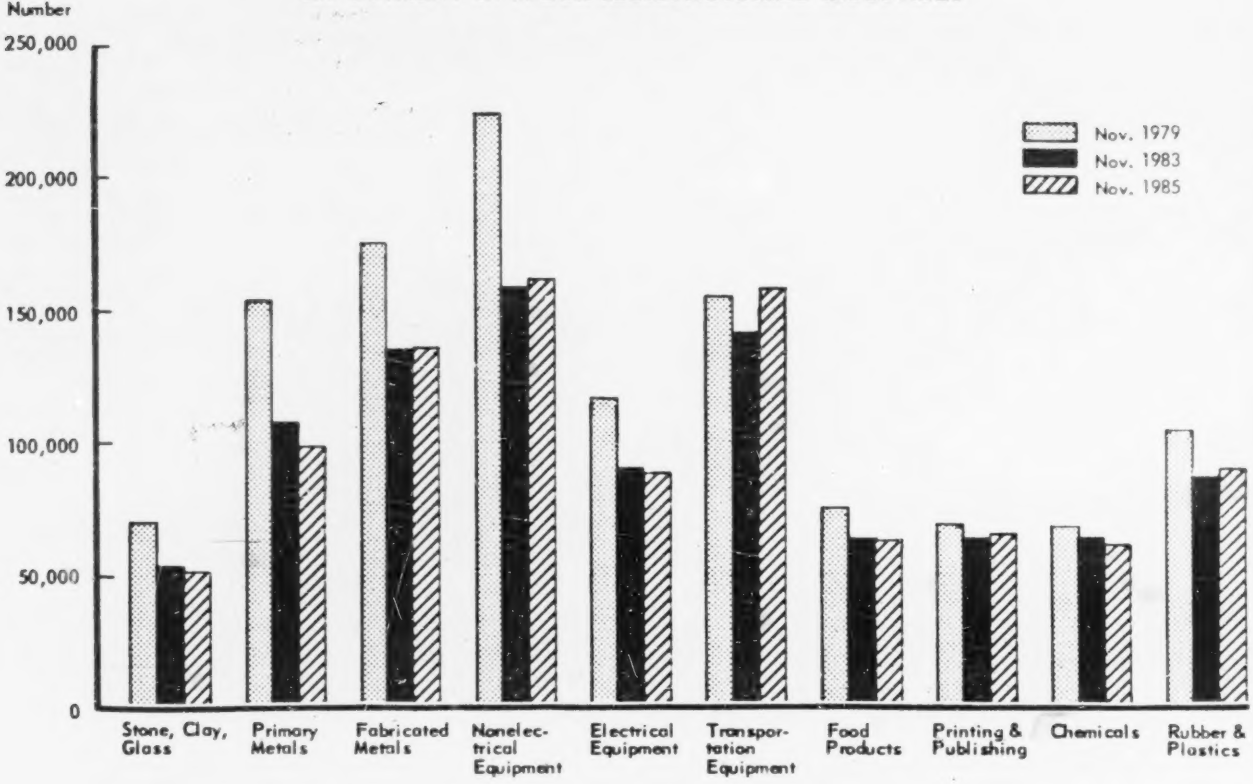
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S. (Not Seasonally Adjusted)



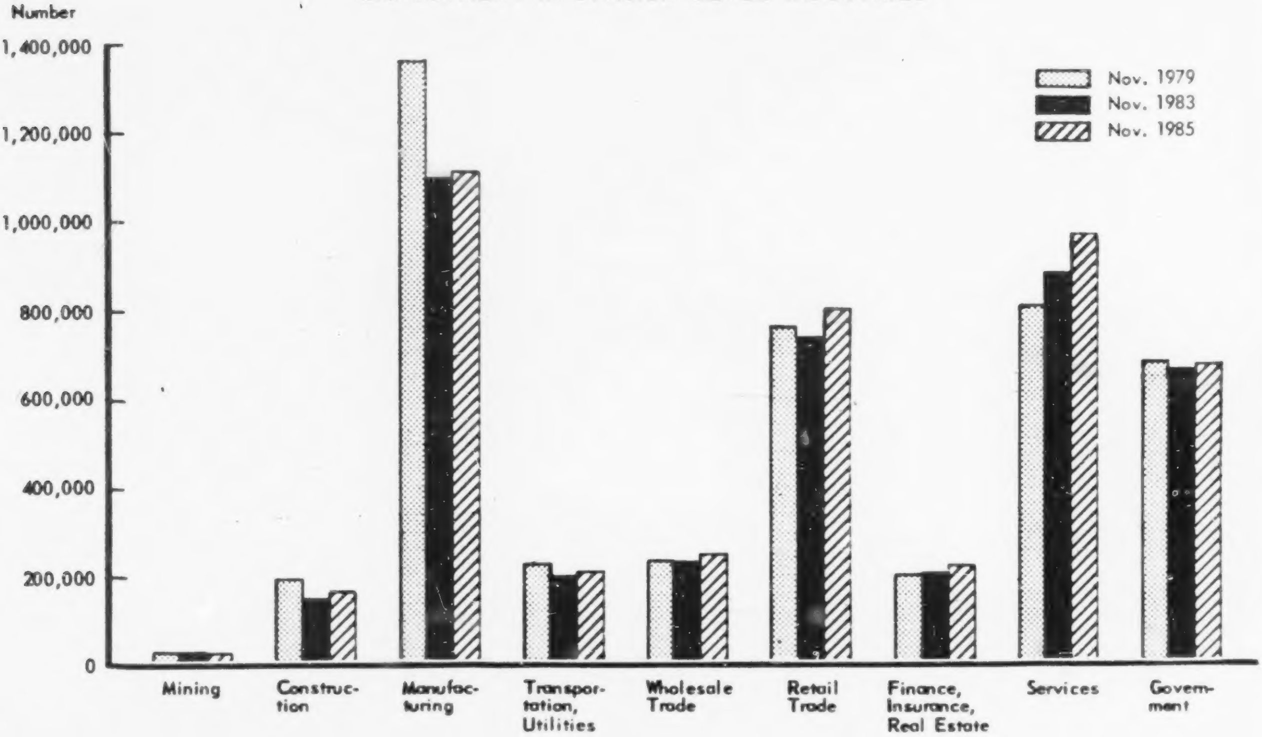
UNEMPLOYMENT RATES
OHIO AND U.S. (Not Seasonally Adjusted)



EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	4450.4	4436.6	4330.2	13.8	120.2
MANUFACTURING	1113.1	1110.9	1133.6	2.2	- 20.5
Durable Goods[e]	762.0	760.6	777.8	1.4	- 15.8
Lumber and wood products	17.5	17.7	16.0	- .3	1.4
Furniture and fixtures	14.1	14.4	15.0	- .2	- .9
Stone, clay, and glass products	51.2	51.5	52.7	- .3	- 1.4
Glass and glassware, pressed or blown.	11.4	11.5	12.5	- .1	- 1.0
Primary metal industries	98.3	96.5	105.4	1.9	- 7.1
Blast furnace and basic steel products	44.4	42.0	48.9	2.4	- 4.5
Iron and steel foundries	19.8	20.0	21.1	- .1	- 1.2
Nonferrous rolling and drawing	18.4	18.6	19.1	- .2	- .7
Fabricated metal products	136.1	136.6	139.8[j]	- .5	- 3.7
Cutlery, hand tools, and hardware	11.3	11.3	11.6	.0	- .2
Fabricated structural metal products .	28.1	28.3	29.3	- .3	- 1.2
Metal forgings and stampings	43.6	43.6	44.9	.0	- 1.3
Machinery, except electrical	161.2	161.6	169.9	- .4	- 8.7
Construction and related machinery ...	14.0	14.0	16.4	.0	- 2.4
Metalworking machinery	41.8	42.1	43.0	- .3	- 1.2
Special industry machinery	18.4	18.5	19.4	- .1	- 1.1
General industrial machinery	30.7	30.9	32.0	- .2	- 1.3
Office and computing machines	12.4	12.4	13.5	.0	- 1.1
Refrigeration and service machinery ..	16.2	16.3	16.6	- .1	- .4
Electric and electronic equipment	87.3	88.0	93.1	- .8	- 5.8
Electrical industrial apparatus	18.3	18.3	19.2	.0	- .9
Household appliances	17.3	17.1	16.4	.2	.9
Electric lighting and wiring equipment	17.3	17.4	19.2	- .1	- 1.9
Communication equipment	10.4	10.4	11.4	.0	- 1.0
Transportation equipment	158.0	155.7	148.0	2.3	10.0
Motor vehicles and equipment	102.9	103.6	99.0	- .7	3.9
Aircraft and parts	46.3	45.7	40.6	.6	5.7
Instruments and related products	23.5	23.4	23,4	.0	.0
Measuring and controlling devices	11.9	11.9	12.3	.0	- .5
Nondurable Goods[f]	351.1	350.2	355.8	.8	- 4.7
Food and kindred products	62.0	62.6	62.6	- .5	- .6
Meat products	9.6	9.5	10.0	.1	- .5
Dairy products	9.8	9.9	9.9	- .1	- .1
Preserved fruits and vegetables	10.6	10.9	10.3	- .4	.3
Bakery products	8.3	8.5	8.5	- .2	- .2
Beverages	10.1	10.1	10.0	.0	.0
Apparel and other textile products	17.1	17.0	17.7	.1	- .5
Paper and allied products	36.4	36.3	37.3	.1	- .9
Misc. converted paper products	11.5	11.5	12.2	.0	- .7
Paperboard containers and boxes	12.1	12.1	12.3	.1	- .2
Printing and publishing	65.6	65.1	65.2	.5	.4
Newspapers	18.9	18.7	18.4	.2	.5
Commercial printing	24.3	24.2	24.2	.1	.1
Chemicals and allied products	61.3	61.1[j]	62.4	.2	- 1.0
Industrial inorganic chemicals	9.6	9.1	11.0	.5	- 1.4
Rubber and misc. plastics products	90.8	90.3	92.5	.5	- 1.6
Tires and inner tubes	18.8	18.8	20.3	.0	- 1.5
Miscellaneous plastics products	51.0	50.8	50.9	.3	.2

See footnotes on page 11.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
(Continued)

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
NONMANUFACTURING	3337.3	3325.7	3196.6	11.6	140.7
MINING	27.5	27.4	27.7	.1	- .2
Bituminous coal and lignite mining	11.0	11.0	11.3	.0	- .3
Oil and gas extraction	12.0	11.8	11.9	.1	.0
CONSTRUCTION	163.8	170.1	154.8	- 6.3	9.0
General building contractors	43.3	44.0	39.8	- .8	3.5
Heavy construction contractors	21.6	24.5	21.3	- 2.9	.3
Highway and street construction	9.9	11.9	9.7	- 2.0	.2
Special trade contractors	98.9	101.5	93.7	- 2.6	5.2
TRANSPORTATION AND PUBLIC UTILITIES	209.9	210.0	207.9	.0	2.1
Railroad transportation	17.1	17.3	18.5	- .3	- 1.5
Transportation, except railroads	101.2	100.9	96.6	.3	4.6
Trucking and warehousing	72.5	72.0	70.3	.4	2.2
Communication, electric, gas services	91.7	91.7	92.7	- .1	- 1.0
Communication	51.2	51.2	52.7	- .1	- 1.5
Electric, gas, and sanitary services	40.5	40.5	40.0	.0	.5
WHOLESALE TRADE	252.9	252.2	240.1	.7	12.9
Wholesale trade—durable goods	161.1	160.7	152.5	.5	8.6
Motor vehicles & automotive equipment	23.9	23.8	22.3	.0	1.5
Electrical goods	21.4	21.3	20.3	.1	1.1
Machinery, equipment, and supplies	65.9	65.6	63.1	.3	2.8
Wholesale trade—nondurable goods	91.8	91.6	87.6	.2	4.2
Groceries and related products	28.2	28.0	27.1	.2	1.0
RETAIL TRADE	804.7	793.8	762.6	10.9	42.1
General merchandise stores	120.8	115.1	122.9	5.6	- 2.1
Department stores	110.8	105.4	113.3	5.3	- 2.5
Food stores	129.3	127.8	124.5	1.5	4.8
Automotive dealers & service stations	90.4	90.4	82.6	.0	7.7
Apparel and accessory stores	38.1	37.0	36.6	1.1	1.5
Eating and drinking places	274.7	275.5	255.5	- .8	19.2
FINANCE, INSURANCE, AND REAL ESTATE	222.2	221.4	213.1	.8	9.1
Banking	60.8	60.6	58.0	.2	2.9
Credit agencies other than banks	35.1	35.0	33.4	.1	1.7
Insurance carriers	58.0	57.7	57.9	.3	.1
Life insurance	21.2	21.1	22.1	.1	- .9
Fire, marine, and casualty insurance	27.9	27.7	27.3	.2	.6
SERVICES	972.8	973.0	917.3	- .2	55.5
Hotels and other lodging places	32.7	33.0	31.1	- .3	1.6
Personal services	52.5	52.1	49.2	.5	3.3
Laundry, cleaning, & garment services	17.7	17.4	17.1	.2	.5
Business services	175.2	175.7	156.3	- .5	19.0
Services to buildings	27.0	26.7	24.6	.3	2.4
Computer and data processing services	15.4	15.2	13.6	.3	1.9
Amusement and recreation services	33.3	34.9	31.2	- 1.6	2.1
Health services	330.8	330.6	323.5	.2	7.3
Nursing and personal care facilities	69.3	69.2	67.2	.1	2.1
Hospitals	169.3	169.6	169.5	- .3	- .2
Educational services	74.6	72.7	66.8	1.9	7.8
Colleges and universities	42.0	41.1	36.4	.9	5.6
GOVERNMENT	683.5	677.8	673.2	5.7	10.3
Federal government	92.5	92.1	89.9	.4	2.6
State government	150.4	149.3	148.4	1.1	2.0
State government education[i]	81.2	80.1	79.8	1.1	1.4
State government, except education	69.1	69.2	68.6	- .1	.6
Local government	440.6	436.4	435.0	4.2	5.7
Local government education	257.8	253.4	253.7	4.4	4.1
Local government, except education	182.8	183.0	181.3	- .2	1.5

See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$486.33	$482.35	$473.71	42.4	42.2	42.6	$11.47	$11.43	$11.12
Durable Goods[e]	508.56	505.33	495.50	42.7	42.5	42.9	11.91	11.89	11.55
Lumber and wood products	292.40	301.26	293.83	40.0	41.1	39.6	7.31	7.33	7.42
Furniture and fixtures	353.64	334.53	320.40	41.9	40.5	40.0	8.44	8.26	8.01
Stone, clay, and glass products	441.42	441.84	427.43	42.0	42.0	41.7	10.51	10.52	10.25
Glass and glassware, pressed or blown.	465.03	460.40	450.55	40.9	40.6	40.3	11.37	11.34	11.18
Primary metal industries	545.79	541.86	547.79	41.6	41.3	42.3	13.12	13.12	12.95
Blast furnace and basic steel products	521.20	521.99	512.08	39.1	39.1	39.3	13.33	13.35	13.03
Iron and steel foundries	572.90	573.82	603.00	42.5	42.6	45.0	13.48	13.47	13.40
Nonferrous rolling and drawing	609.98	595.72	627.45	43.2	42.4	44.5	14.12	14.05	14.10
Fabricated metal products	495.01	490.98	475.15	42.2	42.0	42.5	11.73	11.69	11.18
Cutlery, hand tools, and hardware	510.46	502.23	461.03	41.4	41.2	40.3	12.33	12.19	11.44
Fabricated structural metal products .	410.86	406.22	448.22	40.8	40.5	43.9	10.07	10.03	10.21
Metal forgings and stampings	635.46	630.73	573.31	44.5	44.2	43.4	14.28	14.27	13.21
Machinery, except electrical	483.36	478.41	477.17	42.7	42.3	43.3	11.32	11.31	11.02
Construction and related machinery ...	393.20	402.59	417.18	40.0	39.9	40.7	9.83	10.09	10.25
Metalworking machinery	454.97	440.57	454.46	42.6	41.8	43.2	10.68	10.54	10.52
Special industry machinery	484.80	467.42	481.22	44.6	43.4	45.1	10.87	10.77	10.67
General industrial machinery	494.49	488.14	469.54	42.3	41.9	41.7	11.69	11.65	11.26
Office and computing machines	381.61	379.81	377.09	41.3	41.6	42.9	9.24	9.13	8.79
Refrigeration and service machinery ..	592.57	600.16	557.04	43.7	44.0	44.0	13.56	13.64	12.66
Electric and electronic equipment	448.75	446.71	428.69	41.9	41.4	41.3	10.71	10.79	10.38
Electrical industrial apparatus	440.84	435.18	417.49	41.2	40.9	41.5	10.70	10.64	10.06
Household appliances	482.46	467.04	427.73	43.0	41.7	40.2	11.22	11.20	10.64
Electric lighting and wiring equipment	442.81	440.02	440.99	41.5	41.2	42.2	10.67	10.68	10.45
Communication equipment	499.05	474.29	498.23	42.4	41.1	43.4	11.77	11.54	11.48
Transportation equipment	650.13	653.05	643.10	45.4	45.7	46.1	14.32	14.29	13.95
Motor vehicles and equipment	690.33	693.96	658.72	46.3	46.7	46.0	14.91	14.86	14.32
Aircraft and parts	581.34	550.67	633.65	45.1	43.6	47.5	12.89	12.63	13.34
Instruments and related products	375.84	370.53	334.14	41.9	41.4	41.1	8.97	8.95	8.13
Measuring and controlling devices	351.55	350.06	325.98	39.5	39.2	39.9	8.90	8.93	8.17
Nondurable Goods[f]	432.85	424.98	423.19	41.7	41.3	41.9	10.38	10.29	10.10
Food and kindred products	405.15	408.93	420.31	41.3	41.6	42.2	9.81	9.83	9.96
Meat products	381.89	372.78	401.29	41.6	41.1	42.6	9.18	9.07	9.42
Dairy products	442.47	445.72	423.24	43.0	43.4	43.1	10.29	10.27	9.82
Preserved fruits and vegetables	364.98	391.95	369.41	39.5	42.1	41.6	9.24	9.31	8.88
Bakery products	436.61	434.60	442.60	38.4	38.7	40.2	11.37	11.23	11.01
Beverages	392.63	396.01	378.10	39.7	39.8	39.1	9.89	9.95	9.67
Apparel and other textile products	262.96	254.10	253.82	38.0	37.7	38.4	6.92	6.74	6.61
Paper and allied products	486.39	464.34	466.51	44.5	43.6	44.9	10.93	10.65	10.39
Misc. converted paper products	432.74	410.86	427.00	43.8	42.4	44.9	9.88	9.69	9.51
Paperboard containers and boxes	398.77	401.63	400.58	41.8	42.5	43.4	9.54	9.45	9.23
Printing and publishing	412.12	399.36	391.33	39.4	38.4	38.9	10.46	10.40	10.06
Newspapers	338.95	334.56	339.18	34.1	34.0	34.4	9.94	9.84	9.86
Commercial printing	422.69	405.60	403.44	41.4	40.0	41.0	10.21	10.14	9.84
Chemicals and allied products	505.91	489.63	488.97	42.3	41.6	41.9	11.96	11.77	11.67
Industrial inorganic chemicals	577.28	548.26	518.75	43.8	42.6	41.5	13.18	12.87	12.50
Rubber and misc. plastics products	434.35	426.38	421.71	42.5	42.3	42.9	10.22	10.08	9.83
Tires and inner tubes	578.99	573.75	607.38	43.5	43.4	46.4	13.31	13.22	13.09
Miscellaneous plastics products	428.98	416.51	401.43	42.6	42.2	42.3	10.07	9.87	9.49

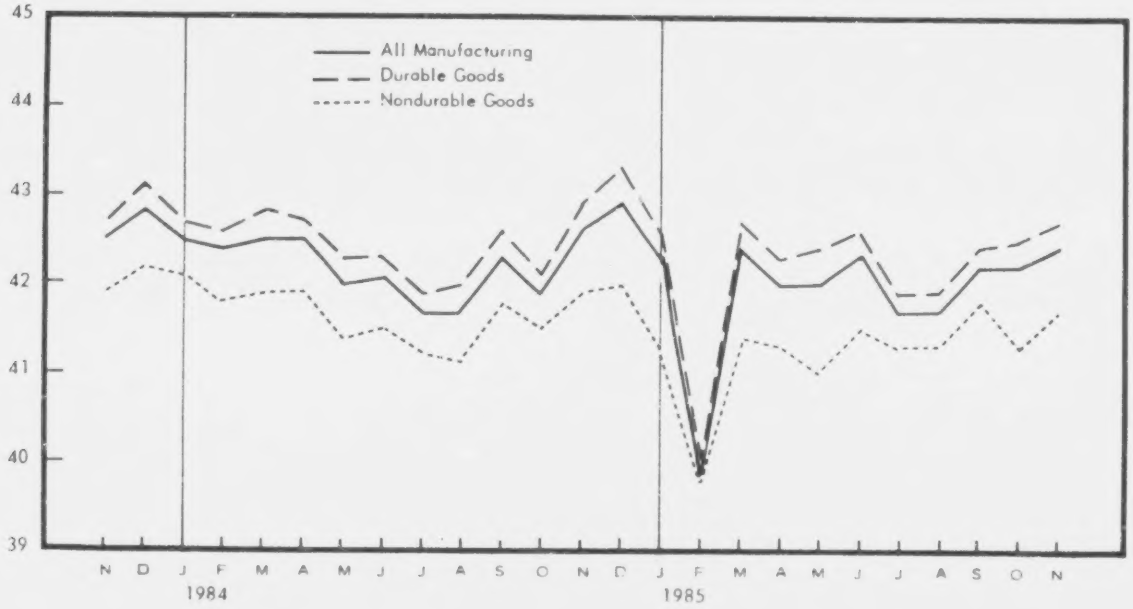
See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
(Continued)

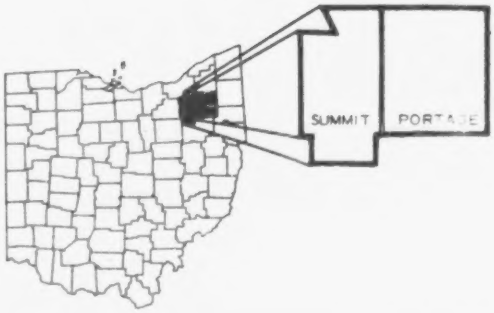
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MINING	$511.29	$518.85	$498.33	43.7	45.0	44.1	$11.70	$11.53	$11.30
Bituminous coal and lignite mining	618.82	614.66	604.09	40.9	41.7	40.9	15.13	14.74	14.77
CONSTRUCTION	545.14	598.43	585.60	35.7	39.5	38.1	15.27	15.15	15.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.20	525.97	504.70	40.9	40.9	40.8	12.89	12.86	12.37
Communication	522.52	517.52	495.72	40.6	40.4	40.5	12.87	12.81	12.24
Electric, gas, and sanitary services	534.47	536.60	516.22	41.4	41.5	41.1	12.91	12.93	12.56
WHOLESALE TRADE	352.41	353.53	341.82	39.2	39.5	39.2	8.99	8.95	8.72
Wholesale trade—durable goods	352.14	351.35	334.90	39.7	39.7	39.4	8.87	8.85	8.50
Wholesale trade—nondurable goods	353.66	356.07	352.82	38.4	39.0	38.9	9.21	9.13	9.07
RETAIL TRADE[h]	156.70	158.66	153.90	28.7	28.9	28.5	5.46	5.49	5.40
General merchandise stores	171.70	176.11	160.23	29.3	29.4	29.4	5.86	5.99	5.45
Department stores	176.09	180.52	162.58	29.3	29.4	29.4	6.01	6.14	5.53
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	236.55	235.89	224.55	....	....	....	.....	.....	.....
Credit agencies other than banks	234.93	235.91	218.97	....	....	....	.....	.....	.....
Insurance carriers	309.78	310.26	301.82	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	312.12	312.22	298.32	34.0	33.9	33.9	9.18	9.21	8.80

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h] Money payments only; tips not included. [i] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor—management disputes.

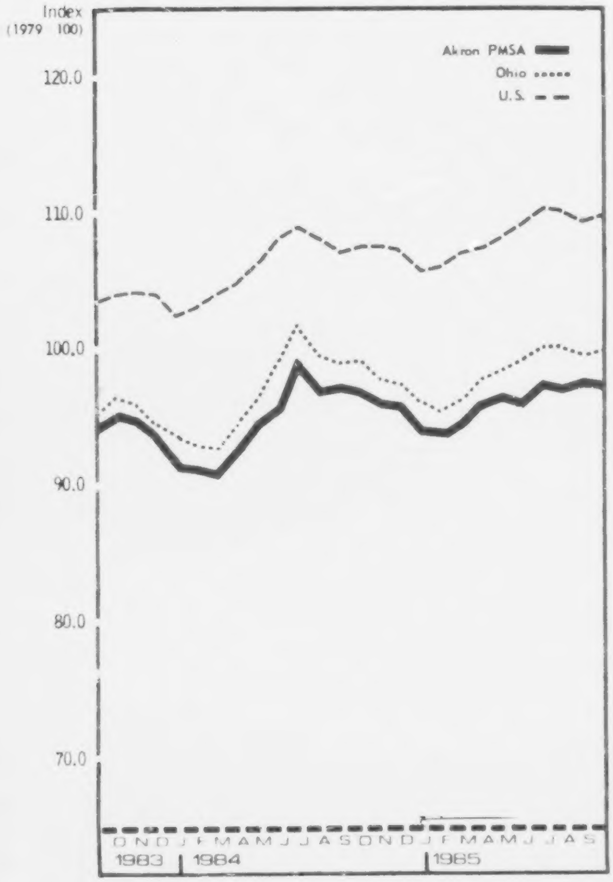
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES

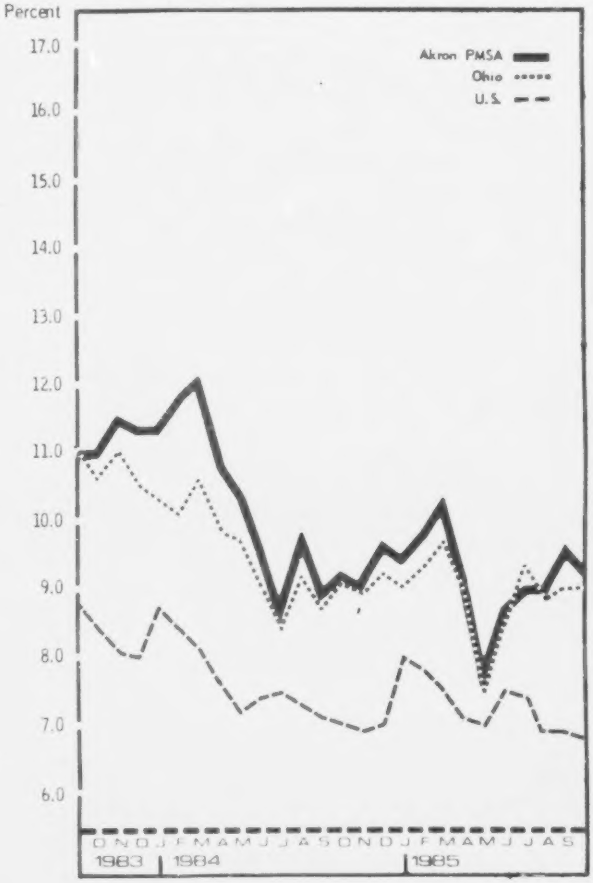


AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



Nonfarm wage and salary employment in the Akron area totaled 262,700 in November, 500 above the October level. The seasonal pickup in retail trade and local school employment more than offset losses in construction and amusement and recreation services. Manufacturing employment rose 100, to 65,200 in November. Production workers in manufacturing industries earned $11.07 per hour, up $.05 from October. The average workweek increased .4 hours to 42.5 hours in November.


INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

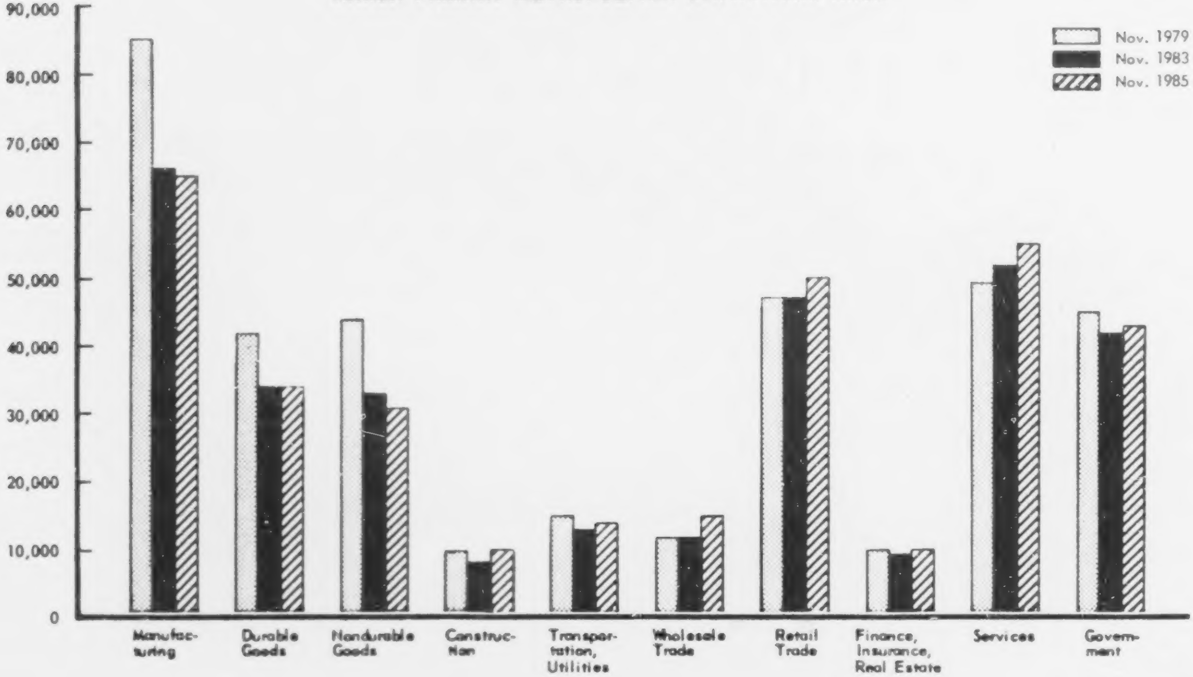
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
290.8	277.7	13.0	4.5	1974	259.0	94.2	56.1	$223.34	42.3	$ 5.28
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	232.63	41.1	5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.4	265.2	37.2	12.3	1983	244.7	65.2	35.7	452.12	43.1	10.49
300.7	270.4	30.3	10.1	1984	251.2	67.5	37.8	470.65	43.7	10.77
				1984						
304.1	276.1	28.0	9.2	October	255.8	67.9	38.0	464.61	42.9	10.83
300.4	273.4	27.1	9.0	November	256.1	67.9	37.9	479.57	44.2	10.85
302.1	272.7	29.4	9.7	December	256.5	67.5	37.7	495.84	45.2	10.97
				1985						
295.5	267.8	27.7	9.4	January	250.1	67.6	37.8	480.25	44.1	10.89
296.3	267.2	29.0	9.8	February	251.4	67.6	37.5	470.89	43.4	10.85
300.2	269.4	30.8	10.3	March	253.3	67.4	37.2	489.28	44.0	11.12
300.7	273.5	27.2	9.1	April	256.1	67.2	37.1	479.76	43.3	11.08
297.9	275.2	22.7	7.6	May	259.9	66.9	36.7	472.57	43.0	10.99
299.6	273.5	26.1	8.7	June	256.8	66.8	36.7	481.55	43.5	11.07
305.4	278.0	27.4	9.0	July	257.2	66.1	36.1	468.17	42.6	10.99
304.4	277.1	27.3	9.0	August	256.2	64.9	35.1	449.21	42.1	10.67
307.5	278.2	29.4	9.6	September	262.5	65.5	35.9	475.76	42.9	11.09
305.9	277.7	28.2	9.2	October	262.2	65.1	35.8	463.94	42.1	11.02
INA	INA	INA	INA	November	262.7	65.2	36.0	470.48	42.5	11.07

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES AKRON PRIMARY METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	262.7	262.2	256.1	.5	6.5
MANUFACTURING	65.2	65.1	67.9	.1	- 2.7
Durable Goods[e]	34.3	34.3	35.7	.0	- 1.4
Fabricated metal products	12.8	12.9	13.4	- .1	- .6
Machinery, except electrical	8.8	8.7	9.4	.2	- .6
Metalworking machinery	3.1	3.1	3.1	.0	.0
Nondurable Goods[f]	30.9	30.8	32.3	.1	- 1.4
Food and kindred products	2.7	2.7	2.6	.0	.1
Chemicals and allied products	2.6	2.5	2.7	.0	- .1
Rubber and misc. plastics products	20.6	20.6	22.0	.0	- 1.4
Tires and inner tubes	14.1	14.1	15.3	.0	- 1.1
NONMANUFACTURING[g]	197.4	197.1	188.2	.4	9.3
CONSTRUCTION	10.2	10.7	9.0	- .6	1.2
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.8	13.3	.0	.5
Communication, electric, gas services	5.4	5.4	5.5	.0	.0
WHOLESALE TRADE	14.7	14.5	13.4	.1	1.3
RETAIL TRADE	50.1	49.2	47.6	.9	2.5
General merchandise stores	7.3	6.9	7.3	.4	.0
FINANCE, INSURANCE, AND REAL ESTATE	9.8	9.8	9.4	.0	.4
Banking	3.3	3.3	3.0	.0	.2
SERVICES	54.9	55.3	52.4	- .4	2.6
Business services	11.1	11.0	9.9	.0	1.1
Amusement and recreation services	3.2	3.5	2.7	- .4	.5
Health services	16.9	16.9	17.2	.0	- .3
GOVERNMENT	43.2	43.0	42.3	.3	.9
State government	15.4	15.3	15.0	.1	.4
State government education[1]	12.6	12.4	12.2	.1	.4
State government, except education	2.8	2.8	2.9	.0	.0
Local government	25.5	25.4	25.2	.1	.3
Local government education	13.9	13.8	13.8	.2	.1
Local government, except education	11.6	11.6	11.4	- .1	.2

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$470.48	$463.94	$479.57	42.5	42.1	44.2	$11.07	$11.02	$10.85
Durable Goods[e]	486.49	477.84	499.05	42.6	42.1	45.0	11.42	11.35	11.09
Fabricated metal products	569.61	578.00	596.24	42.1	42.5	45.9	13.53	13.60	12.99
Machinery, except electrical	431.54	419.79	428.12	43.9	43.1	45.4	9.83	9.74	9.43
Metalworking machinery	422.84	404.98	429.69	44.0	42.9	44.9	9.61	9.44	9.57
Nondurable Goods[f]	447.10	440.58	447.26	42.5	42.0	42.8	10.52	10.49	10.45
Food and kindred products	460.74	449.59	457.00	43.1	42.9	43.9	10.69	10.48	10.41
Chemicals and allied products	465.55	459.68	446.84	42.4	41.6	41.8	10.98	11.05	10.69
Rubber and misc. plastics products	464.19	458.82	474.01	43.1	42.8	44.3	10.77	10.72	10.70
Tires and inner tubes	630.99	630.09	645.78	45.2	45.2	47.8	13.96	13.94	13.51
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	551.86	554.86	513.67	41.4	41.5	40.8	13.33	13.37	12.59
WHOLESALE TRADE	323.09	322.43	319.09	37.7	37.8	39.2	8.57	8.53	8.14
RETAIL TRADE[h]	178.44	181.43	178.50	29.3	29.5	29.8	6.09	6.15	5.99

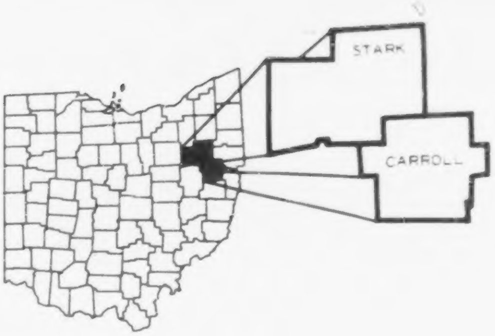
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	2,951	4,002*	2,664
Active File of Job Seekers	26,423	26,673*	32,805
Referrals to Jobs	2,127	2,201*	1,393
Placements	1,673	652	446
Job Openings Received	2,911	897	619
Job Openings Unfilled	1,729	809	788
Unemployment Insurance Program			
Initial Claims	4,723	3,651	4,442
Continued Claims	28,544	29,652	26,677
First Payments	1,884	1,324	1,559
Last Payments	398	477	538
Weeks Compensated	21,884	21,643	22,332
Benefits Paid	$3,100,189	$3,084,248	$3,051,142
Average Weekly Payment	$141.92	$140.78	$140.51

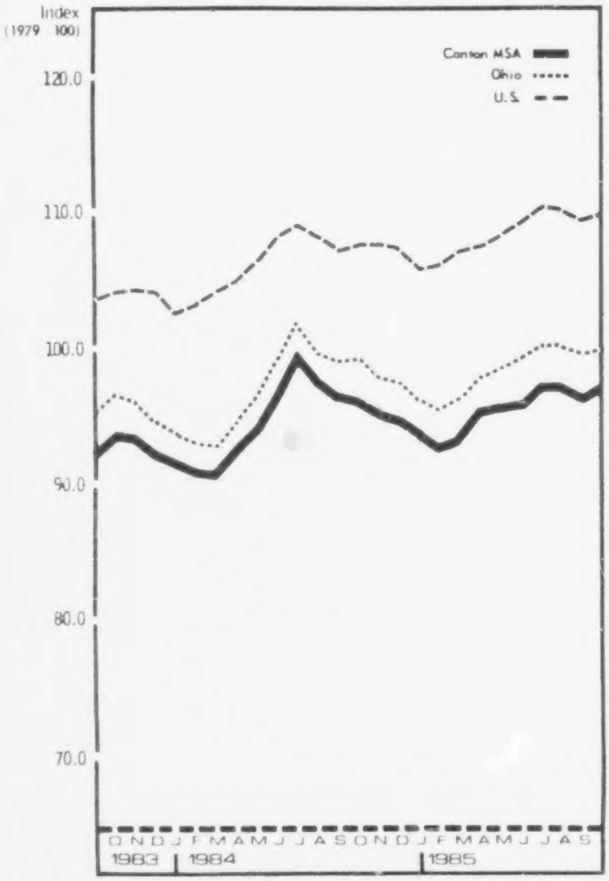
*Revised.

CANTON
METROPOLITAN
STATISTICAL
AREA

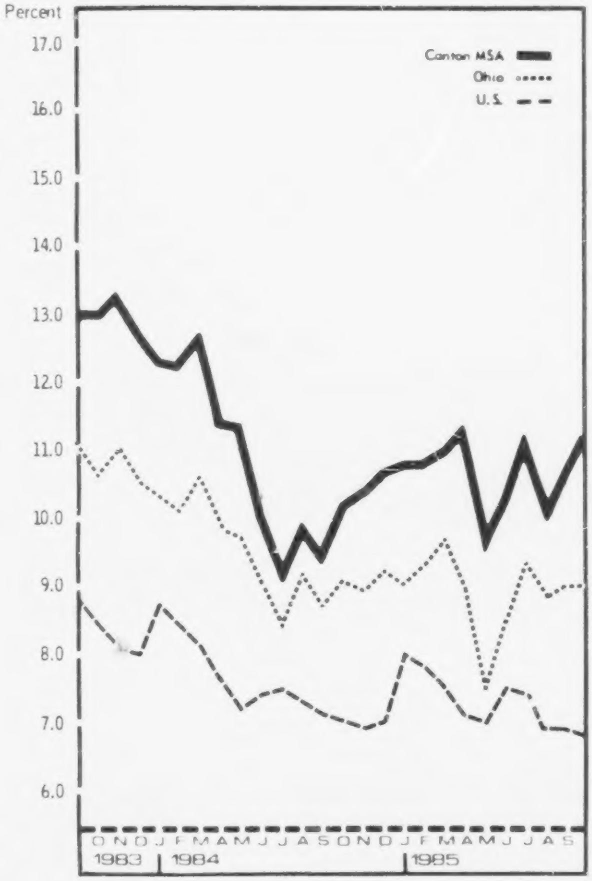


Nonfarm payroll employment in the Canton Metropolitan Statistical Area advanced 800 from October to 155,000 in November. Seasonal advances in retail trade and local schools accounted for the improvement. Manufacturing employment was constant over the month at 45,700. Hourly earnings of production workers rose $.09 to $11.12 in November. The workweek lengthened to 40.7 hours, up from 40.1 hours in October.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



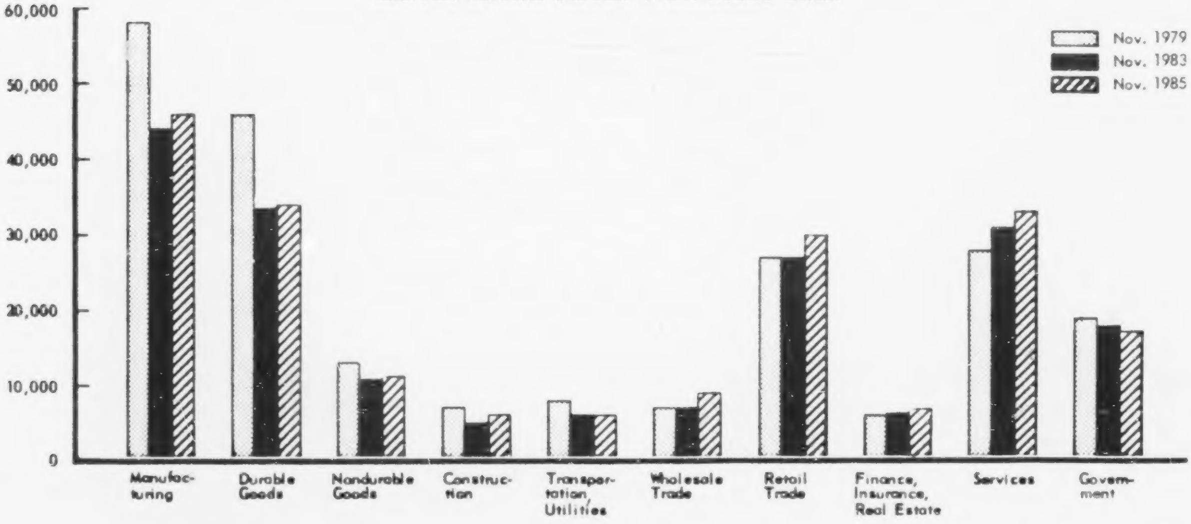
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.6	167.5	8.1	4.6	1974	152.1	62.2	46.9	$210.12	40.1	$ 5.24
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	222.22	39.4	5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.7	422.14	39.6	10.66
184.0	164.2	19.9	10.8	1984	148.7	46.2	33.5	437.53	40.4	10.83
				1984						
185.6	166.8	18.8	10.2	October	150.6	46.7	34.1	434.84	40.3	10.79
184.3	165.1	19.2	10.4	November	150.7	46.8	34.6	439.70	40.6	10.83
183.8	164.1	19.8	10.7	December	150.5	46.5	34.1	431.72	39.9	10.82
				1985						
182.0	162.4	19.6	10.8	January	148.0	46.3	34.1	434.68	40.1	10.84
180.0	160.6	19.4	10.8	February	147.4	46.1	34.0	430.16	39.5	10.89
181.9	161.9	20.0	11.0	March	148.5	46.3	34.1	435.60	40.0	10.89
186.6	165.5	21.1	11.3	April	151.3	46.3	34.1	427.10	39.4	10.84
183.6	166.0	17.7	9.6	May	152.8	46.3	34.1	435.31	39.9	10.91
185.9	166.8	19.1	10.3	June	153.1	46.6	34.3	434.72	39.7	10.95
190.3	168.9	21.4	11.2	July	152.9	46.3	34.0	431.34	39.5	10.92
187.7	168.9	18.8	10.0	August	152.9	46.1	33.7	432.61	39.4	10.98
187.1	167.1	20.0	10.7	September	153.7	46.2	33.7	439.90	40.1	10.97
189.3	168.1	21.2	11.2	October	154.2	45.7	33.5	442.30	40.1	11.03
INA	INA	INA	INA	November	155.0	45.7	33.5	452.58	40.7	11.12

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	155.0	154.2	150.7	.8	4.2
MANUFACTURING	45.7	45.7	46.8	.0	- 1.1
Durable Goods[e]	34.2	34.2	35.4	- .1	- 1.2
Primary metal industries	10.9	11.0	11.2	- .1	- .2
Fabricated metal products	7.0	7.0	7.6	.0	- .6
Metal forgings and stampings	2.5	2.4	3.1	.0	- .6
Nondurable Goods[f]	11.5	11.4	11.4	.1	.2
Food and kindred products	4.0	4.0	3.9	.1	.1
Rubber and misc. plastics products	2.8	2.8	2.8	.0	.0
NONMANUFACTURING[g]	109.3	108.5	104.0	.7	5.3
CONSTRUCTION	6.1	6.4	5.7	- .3	.4
TRANSPORTATION AND PUBLIC UTILITIES	6.3	6.2	6.1	.0	.2
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.6	8.6	7.9	.0	.7
Wholesale trade-durable goods	5.0	5.0	4.5	.0	.5
RETAIL TRADE	30.1	29.5	27.7	.5	2.3
General merchandise stores	4.1	3.8	4.0	.3	.1
Food stores	4.8	4.7	4.5	.1	.3
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.5	6.4	.1	.2
Banking	1.8	1.8	1.8	.0	.0
SERVICES	33.2	33.1	31.4	.0	1.8
Health services	13.6	13.6	13.7	- .1	- .1
GOVERNMENT	17.4	17.0	17.6	.3	- .2
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.4	14.1	14.7	.3	- .3
Local government education	8.1	7.9	8.4	.2	- .3
Local government, except education	6.3	6.2	6.3	.1	- .1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$452.58	$442.30	$439.70	40.7	40.1	40.6	$11.12	$11.03	$10.83
Durable Goods[e]	471.99	457.14	452.97	40.9	40.1	40.3	11.54	11.40	11.24
Primary metal industries	470.06	469.94	479.46	38.0	38.3	39.3	12.37	12.27	12.20
Fabricated metal products	505.90	482.89	528.04	42.8	41.7	43.0	11.82	11.58	12.28
Metal forgings and stampings	675.05	642.75	668.83	43.3	41.9	45.1	15.59	15.34	14.83
Nondurable Goods[f]	393.56	394.99	397.17	40.2	40.1	41.2	9.79	9.85	9.64
Food and kindred products	406.93	399.84	405.04	39.7	39.2	41.5	10.25	10.20	9.76
Rubber and misc. plastics products	463.22	466.47	469.94	43.7	43.8	45.1	10.60	10.65	10.42
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	512.86	518.68	488.01	40.8	41.1	40.6	12.57	12.62	12.02
WHOLESALE TRADE	336.45	338.18	319.32	36.1	35.9	36.0	9.32	9.42	8.87
RETAIL TRADE[h]	157.39	159.94	158.26	29.2	29.4	29.2	5.39	5.44	5.42

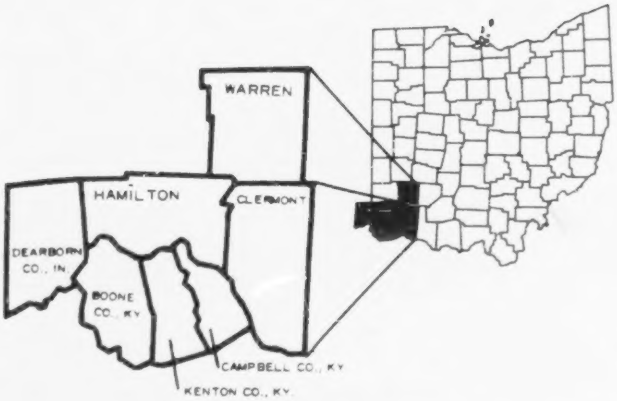
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	1,749	2,496*	1,610
Active File of Job Seekers	19,636	20,425*	25,531
Referrals to Jobs	1,610	1,516	1,331
Placements	568	598	356
Job Openings Received	893	772	492
Job Openings Unfilled	478	321*	340
Unemployment Insurance Program			
Initial Claims	4,227	3,911	5,249
Continued Claims	24,616	23,559	20,769
First Payments	1,598	1,204	1,343
Last Payments	298	384	280
Weeks Compensated	19,325	17,422	16,014
Benefits Paid	$2,869,282	$2,571,214	$2,152,997
Average Weekly Payment	$152.40	$152.22	$139.09

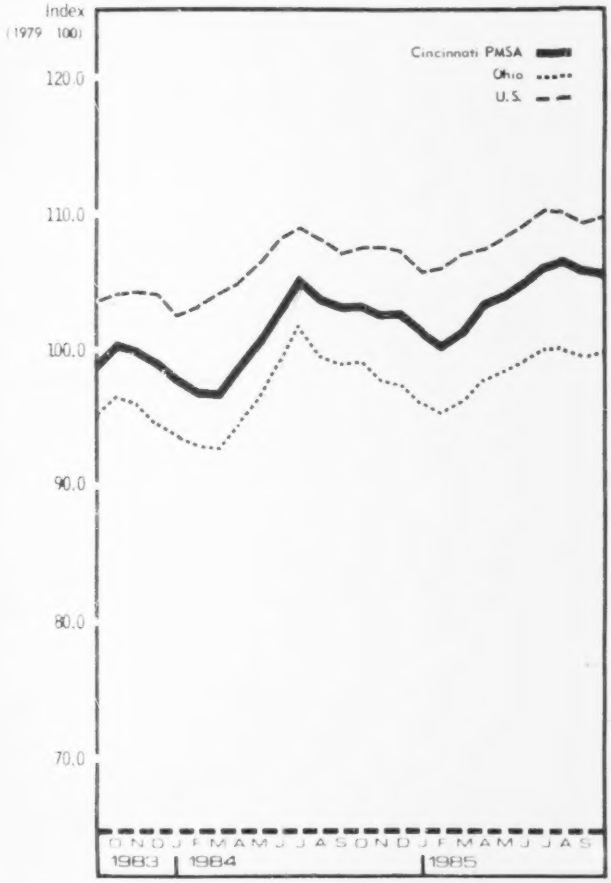
*Revised.

CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA

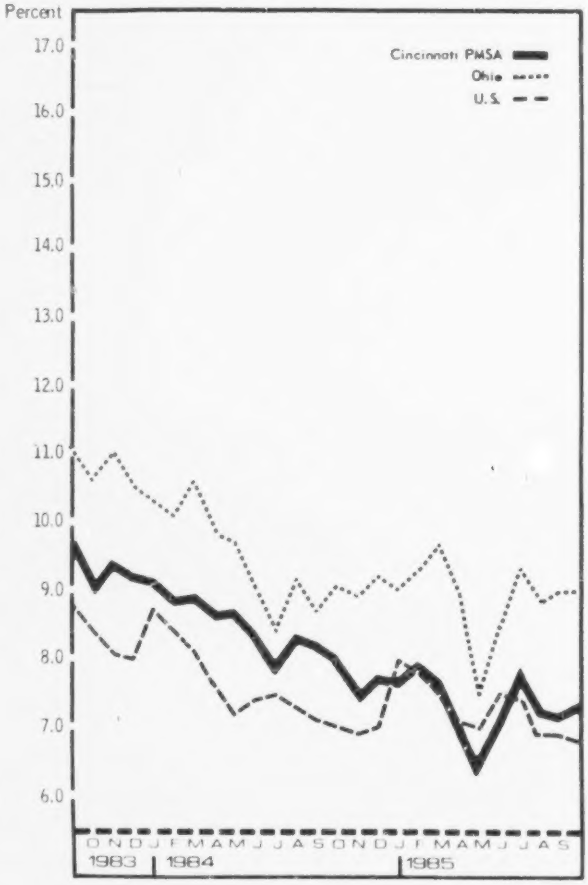


Cincinnati's nonagricultural payroll employment, at 641,000 in November, was up 3,800 from October. Seasonal advances in retail trade and local school employment more than offset losses in construction to account for most of the improvement. In manufacturing, gains in chemicals and paper products were largely responsible for an increase of 1,000 jobs over the October level, to 149,000 in November. Factory production workers averaged 42.2 hours per week at $10.71 per hour, up .5 hours and $.11 from October.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



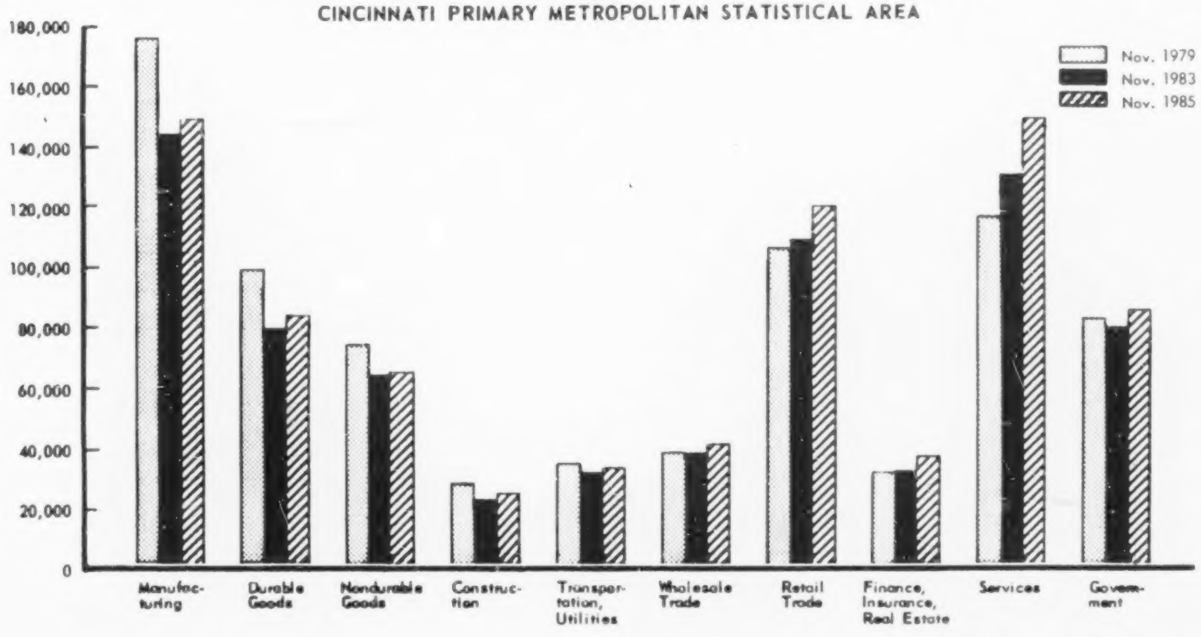
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	569.8	25.5	4.3	1974	542.2	166.6	115.3	$199.55	41.4	$ 4.82
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	211.75	40.8	5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.4	140.4	92.0	415.52	41.1	10.11
692.7	635.3	57.5	8.3	1984	598.1	144.6	96.3	441.41	41.8	10.56
				1984						
703.9	647.8	56.1	8.0	October	607.8	146.1	97.1	444.75	41.8	10.64
695.1	643.8	51.3	7.4	November	609.9	146.1	97.6	461.59	42.7	10.81
698.4	644.7	53.7	7.7	December	612.5	146.0	97.1	465.04	42.9	10.84
				1985						
686.4	634.2	52.3	7.6	January	602.0	144.6	95.7	459.80	42.3	10.87
683.4	629.1	54.2	7.9	February	601.7	144.0	95.2	420.51	38.9	10.81
688.8	636.2	52.5	7.6	March	607.4	145.3	96.2	449.53	41.7	10.78
697.9	649.7	48.2	6.9	April	618.5	145.3	96.2	440.43	41.2	10.69
696.8	653.0	43.8	6.3	May	626.1	145.4	96.1	437.18	41.4	10.56
710.0	659.5	50.5	7.1	June	631.0	146.7	97.3	434.43	41.1	10.57
723.0	666.7	56.3	7.8	July	629.6	146.9	97.1	428.22	40.9	10.47
719.9	668.1	51.7	7.2	August	630.5	147.5	97.5	431.09	40.9	10.54
714.7	663.7	51.0	7.1	September	637.7	148.3	98.3	444.52	41.7	10.66
715.7	663.5	52.2	7.3	October	637.2	148.1	98.0	442.02	41.7	10.60
INA	INA	INA	INA	November	641.0	149.0	98.5	451.96	42.2	10.71

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	641.0	637.2	609.9	3.8	31.1
MANUFACTURING	149.0	148.1	146.1	1.0	2.9
Durable Goods[e]	84.4	84.4	81.2	.1	3.2
Fabricated metal products	9.8	9.8	9.6	-.1	.2
Fabricated structural metal products	3.6	3.7	3.8	-.1	-.2
Machinery, except electrical	21.6	21.6	21.6	.0	.1
Metalworking machinery	9.8	9.9	10.1	-.1	-.3
General industrial machinery	3.1	3.1	3.1	.0	-.1
Electric and electronic equipment	8.0	8.0	8.5	.0	-.5
Transportation equipment	28.7	28.5	26.5	.2	2.3
Motor vehicles and equipment	9.8	9.8	10.2	.0	-.4
Nondurable Goods[f]	64.6	63.7	64.8	.9	-.3
Food and kindred products	12.6	12.8	13.2	-.2	-.6
Beverages	3.9	3.9	4.1	.0	-.2
Apparel and other textile products	3.9	4.0	4.0	-.1	-.1
Paper and allied products	6.0	5.8	5.9	.2	.0
Printing and publishing	12.3	12.2	12.1	.1	.1
Commercial printing	5.3	5.2	5.4	.0	-.1
Chemicals and allied products	21.4	20.7	21.0	.7	.4
Rubber and misc. plastics products	5.2	5.1	5.4	.1	-.2
NONMANUFACTURING[g]	491.9	489.1	463.8	2.8	28.1
CONSTRUCTION	24.7	25.4	22.2	-.7	2.5
TRANSPORTATION AND PUBLIC UTILITIES	32.7	32.9	32.2	-.2	.5
Trucking and warehousing	9.9	9.9	9.4	.1	.5
Communication, electric, gas services	14.1	14.2	14.4	.0	-.2
WHOLESALE TRADE	42.1	42.0	39.8	.1	2.2
Wholesale trade-durable goods	24.8	24.8	23.4	.0	1.5
RETAIL TRADE	119.9	118.3	112.3	1.6	7.6
General merchandise stores	20.8	20.1	20.3	.7	.6
FINANCE, INSURANCE, AND REAL ESTATE	37.4	37.2	35.4	.3	2.1
Banking	7.9	7.8	7.6	.1	.3
Insurance carriers	11.4	11.3	11.1	.1	.3
SERVICES	149.0	148.2	139.3	.8	9.8
Hotels and other lodging places	6.2	6.2	6.1	.0	.1
Personal services	7.2	7.2	6.8	.1	.5
Business services	31.9	31.8	28.7	.1	3.2
Amusement and recreation services	7.0	6.6	5.2	.4	1.8
Health services	47.2	47.1	46.5	.1	.7
GOVERNMENT	85.5	84.6	82.2	.9	3.3
Federal government	13.0	12.9	12.8	.1	.2
State government	19.5	19.3	18.5	.2	1.0
State government education[i]	12.2	12.0	11.2	.1	.9
State government, except education	7.3	7.2	7.2	.1	.1
Local government	53.1	52.5	51.0	.6	2.1
Local government education	31.3	30.6	29.7	.7	1.6
Local government, except education	21.7	21.9	21.3	-.1	.4

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$451.96	$442.02	$461.59	42.2	41.7	42.7	$10.71	$10.60	$10.81
Durable Goods[e]	456.45	445.59	468.27	42.5	41.8	43.0	10.74	10.66	10.89
Fabricated metal products	395.32	386.75	384.61	41.7	41.1	41.4	9.48	9.41	9.29
Fabricated structural metal products	404.17	398.11	387.86	41.2	41.0	41.0	9.81	9.71	9.46
Machinery, except electrical	424.97	420.33	411.27	43.1	42.5	41.5	9.86	9.89	9.91
Metalworking machinery	472.60	444.75	449.76	43.8	41.8	41.3	10.79	10.64	10.89
General industrial machinery	388.23	374.51	377.98	41.7	40.4	41.4	9.31	9.27	9.13
Electric and electronic equipment	388.62	378.36	349.87	42.8	41.9	41.8	9.08	9.03	8.37
Transportation equipment	633.05	617.04	696.07	44.3	43.7	47.0	14.29	14.12	14.61
Motor vehicles and equipment	671.77	677.54	737.57	44.4	44.9	46.8	15.13	15.09	15.76
Nondurable Goods[f]	446.01	437.00	456.45	41.8	41.5	42.5	10.67	10.53	10.74
Food and kindred products	489.95	503.87	487.77	41.0	42.2	42.6	11.95	11.94	11.45
Beverages	481.85	481.89	464.02	40.8	40.7	41.1	11.81	11.84	11.29
Apparel and other textile products	212.31	218.69	219.64	39.1	40.2	38.0	5.43	5.44	5.78
Paper and allied products	406.39	397.16	414.48	42.2	41.5	44.0	9.63	9.57	9.42
Printing and publishing	456.96	421.76	432.52	40.8	38.8	39.9	11.20	10.87	10.84
Commercial printing	534.26	472.06	472.89	44.3	41.3	41.3	12.06	11.43	11.45
Chemicals and allied products	502.07	497.77	555.06	41.7	41.9	43.5	12.04	11.88	12.76
Rubber and misc. plastics products	414.35	415.77	392.62	46.4	47.3	46.3	8.93	8.79	8.48
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	504.00	507.08	488.66	39.1	39.4	39.6	12.89	12.87	12.34
WHOLESALE TRADE	372.08	376.77	365.31	40.4	40.6	40.5	9.21	9.28	9.02
RETAIL TRADE[h]	161.27	162.46	164.02	29.7	29.7	30.6	5.43	5.47	5.36
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	242.37	240.57	230.47	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

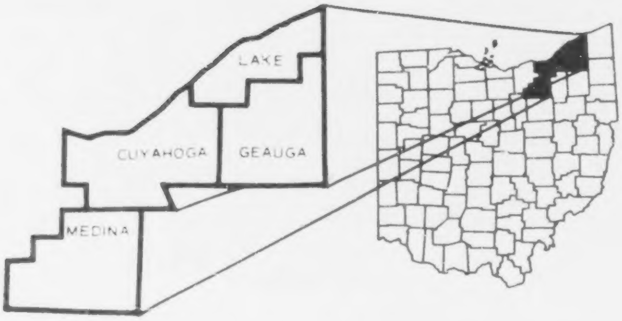
Selected Administrative Program Activities[a]

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	4,858	6,217*	4,244
Active File of Job Seekers	30,318	31,563*	34,550
Referrals to Jobs	2,914	2,632	2,071
Placements	934	704	636
Job Openings Received	1,567	1,980	1,360
Job Openings Unfilled	2,630	2,929	2,874
Unemployment Insurance Program			
Initial Claims	5,685	5,391	5,779
Continued Claims	37,424	37,263	43,680
First Payments	2,276	1,377	2,264
Last Payments	559	670	837
Weeks Compensated	31,402	30,109	35,725
Benefits Paid	$4,345,203	$4,132,329	$5,005,555
Average Weekly Payment	$141.60	$140.30	$143.30

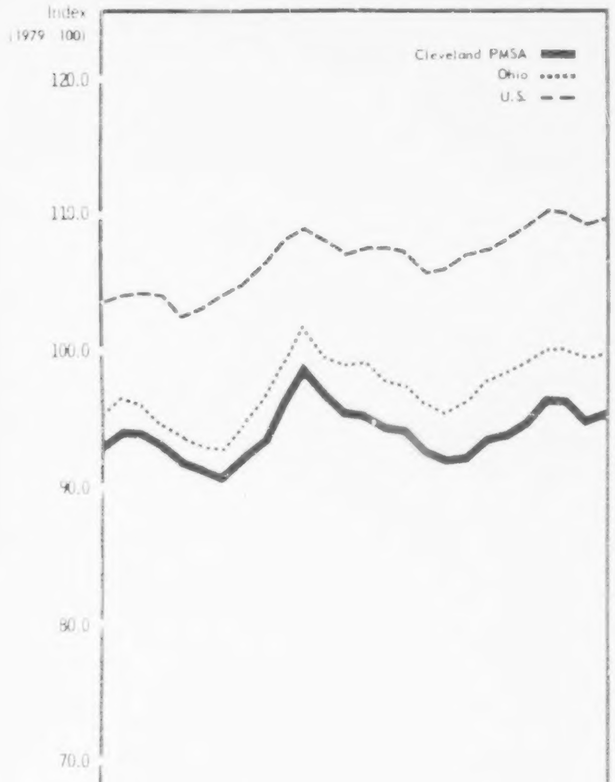
[a] Ohio data only.

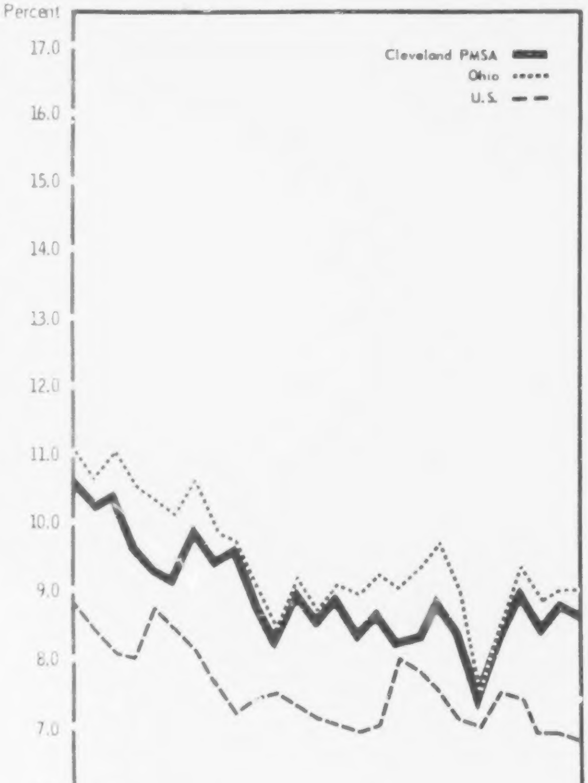
*Revised.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



Nonfarm payroll employment in the Cleveland area increased 1,700 from October to 873,200 in November. Seasonal gains in retail trade and local government schools contributed most to the improvement. Construction firms and outdoor amusement facilities reported seasonal employment declines. In manufacturing, durable goods producers of motor vehicles, electrical industrial apparatus, and metal forgings and stampings reported slight improvements, while producers of nondurable goods reported small losses. Production workers in factories grossed $11.29 per hour for a workweek of 41.8 hours in November, up $.05 and .2 hours from October.


INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

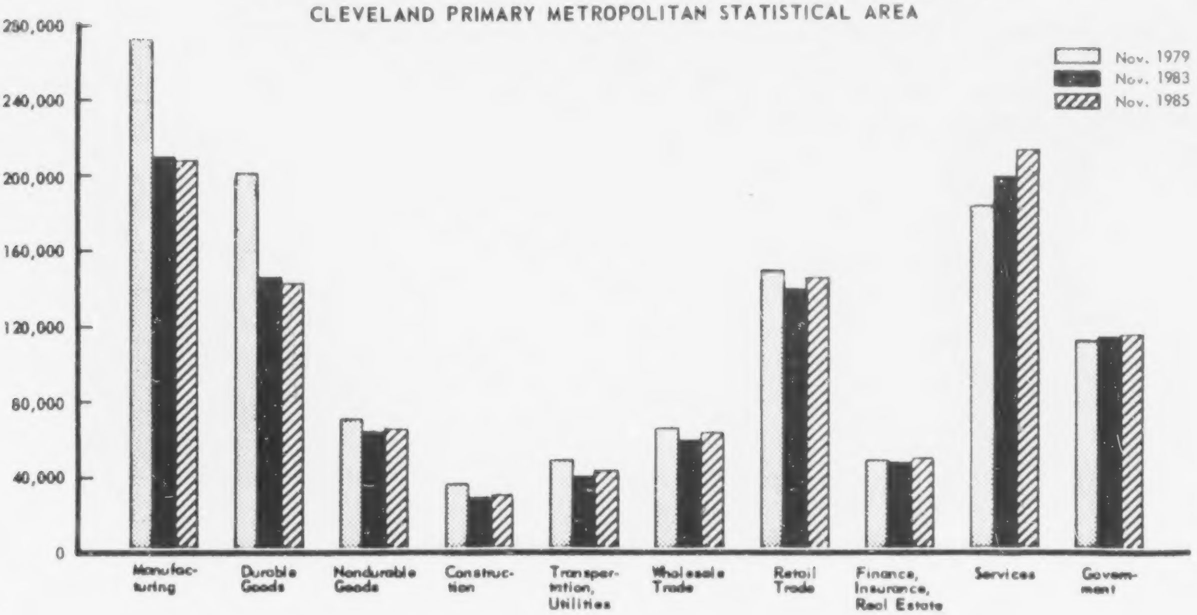
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
899.1	861.4	37.7	4.2	1974	879.2	287.1	199.5	$219.34	42.1	$ 5.21
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	227.45	40.4	5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.5	823.4	105.1	11.3	1983	829.6	207.3	131.9	427.41	40.9	10.45
918.6	836.2	82.4	9.0	1984	849.2	213.2	137.2	456.12	42.0	10.86
				1984						
927.3	845.2	82.1	8.9	October	856.0	214.5	138.6	458.22	42.0	10.91
912.8	837.1	75.7	8.3	November	856.4	214.8	139.2	471.75	42.5	11.10
914.8	835.6	79.2	8.7	December	857.9	214.2	138.3	471.06	42.4	11.11
				1985						
896.2	823.0	73.1	8.2	January	839.7	212.7	137.1	472.64	42.2	11.20
890.7	817.1	73.7	8.3	February	839.7	212.6	137.0	461.90	41.5	11.13
900.6	820.8	79.8	8.9	March	843.6	212.1	136.3	468.00	42.2	11.09
908.9	832.2	76.7	8.4	April	852.2	210.6	134.9	464.82	41.8	11.12
900.2	834.2	66.0	7.3	May	860.5	210.8	135.1	469.14	42.0	11.17
920.7	843.6	77.1	8.4	June	869.1	211.4	135.4	472.22	42.2	11.19
942.8	858.3	84.5	9.0	July	871.5	209.8	133.7	452.76	40.9	11.07
934.5	855.5	78.5	8.4	August	868.6	208.2	132.2	466.21	41.7	11.18
922.9	841.3	81.6	8.8	September	868.0	208.6	133.4	472.92	42.0	11.26
926.1	846.9	79.3	8.6	October	871.5	208.1	133.1	467.58	41.6	11.24
INA	INA	INA	INA	November	873.2	208.0	133.4	471.92	41.8	11.29

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	873.2	871.5	856.4	1.7	16.8
MANUFACTURING	208.0	208.1	214.8	.0	- 6.8
Durable Goods[e]	143.1	142.9	149.6	.1	- 6.5
Primary metal industries	22.5	22.5	23.4	.0	- .8
Blast furnace and basic steel products	10.8	10.9	11.4	.0	- .5
Iron and steel foundries	5.4	5.4	5.7	.0	- .3
Fabricated metal products	32.8	32.7	34.0	.1	- 1.2
Fabricated structural metal products	3.6	3.6	3.7	.0	- .1
Screw machine products, bolts, etc.	4.7	4.8	4.9	.0	- .1
Metal forgings and stampings	11.3	11.2	11.8	.1	- .5
Machinery, except electrical	31.6	31.6	34.2	- .1	- 2.6
Construction and related machinery	2.9	2.9	4.5	.0	- 1.6
Metalworking machinery	10.2	10.3	10.7	- .1	- .5
Special industry machinery	3.6	3.6	3.9	.0	- .3
General industrial machinery	3.0	2.9	3.0	.0	- .1
Electric and electronic equipment	18.5	18.3	19.9	.1	- 1.4
Electrical industrial apparatus	7.2	7.1	7.3	.2	- .1
Transportation equipment	20.0	19.9	20.3	.2	- .3
Motor vehicles and equipment	13.0	12.8	13.5	.2	- .5
Instruments and related products	8.4	8.4	8.3	.0	.1
Measuring and controlling devices	4.2	4.2	4.1	.0	.1
Nondurable Goods[f]	65.0	65.1	65.2	- .2	- .2
Food and kindred products	7.3	7.3	7.1	.0	.2
Apparel and other textile products	4.6	4.7	5.0	- .1	- .4
Paper and allied products	5.4	5.4	5.7	.0	- .3
Printing and publishing	15.3	15.3	15.6	.0	- .3
Chemicals and allied products	14.2	14.2	14.0	.0	.2
Rubber and misc. plastics products	12.5	12.5	12.1	.0	.4
NONMANUFACTURING[g]	665.1	663.4	641.5	1.7	23.6
CONSTRUCTION	30.2	31.4	28.3	- 1.1	1.9
TRANSPORTATION AND PUBLIC UTILITIES	43.6	43.4	42.8	.2	.8
Trucking and warehousing	11.2	11.0	10.9	.2	.3
Communication, electric, gas services	19.9	19.8	19.6	.1	.2
WHOLESALE TRADE	64.4	64.2	62.0	.2	2.4
Wholesale trade—durable goods	45.8	45.6	43.7	.2	2.1
RETAIL TRADE	146.0	144.4	142.7	1.5	3.2
General merchandise stores	21.4	20.6	22.7	.8	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	50.2	50.3	48.3	.0	2.0
Banking	13.5	13.5	13.0	.0	.6
Credit agencies other than banks	7.8	7.8	7.7	.0	.0
Insurance carriers	11.3	11.3	11.2	- .1	.0
SERVICES	213.6	214.3	201.5	- .7	12.1
Business services	46.1	45.7	40.4	.4	5.6
Amusement and recreation services	7.7	8.4	6.7	- .8	.9
Health services	67.3	67.6	67.0	- .3	.4
GOVERNMENT	115.8	114.2	114.5	1.5	1.3
Federal government	20.3	20.1	19.6	.2	.7
State government	7.8	7.9	7.6	- .1	.2
State government education[1]	2.9	3.0	2.8	- .1	.1
State government, except education	4.9	4.9	4.9	.0	.0
Local government	87.7	86.2	87.3	1.5	.4
Local government education	43.3	42.3	43.2	1.0	.1
Local government, except education	44.4	43.9	44.1	.5	.2

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$471.92	$467.58	$471.75	41.8	41.6	42.5	$11.29	$11.24	$11.10
Durable Goods[e]	503.02	500.49	503.84	42.2	42.2	43.1	11.92	11.86	11.69
Primary metal industries	538.87	540.60	584.68	40.7	40.8	43.6	13.24	13.25	13.41
Blast furnace and basic steel products	508.64	509.64	503.50	37.1	37.2	37.8	13.71	13.70	13.32
Iron and steel foundries	727.06	727.52	853.92	45.9	45.9	52.1	15.84	15.85	16.39
Fabricated metal products	499.10	488.14	472.08	43.1	42.3	42.8	11.58	11.54	11.03
Fabricated structural metal products	378.84	358.41	379.80	41.0	39.0	42.2	9.24	9.19	9.00
Screw machine products, bolts, etc.	421.73	402.21	428.45	42.3	41.0	45.1	9.97	9.81	9.50
Metal forgings and stampings	642.68	636.68	603.44	45.1	44.9	44.6	14.25	14.18	13.53
Machinery, except electrical	466.52	473.06	462.87	42.8	43.4	42.7	10.90	10.90	10.84
Construction and related machinery	386.68	425.20	471.63	41.4	44.2	41.7	9.34	9.62	11.31
Metalworking machinery	383.94	384.47	400.20	39.5	39.8	41.3	9.72	9.66	9.69
Special industry machinery	498.10	502.71	476.08	42.5	43.3	40.9	11.72	11.61	11.64
General industrial machinery	432.64	440.54	428.50	41.6	42.4	42.3	10.40	10.39	10.13
Electric and electronic equipment	408.18	421.37	430.36	39.4	40.4	41.5	10.36	10.43	10.37
Electrical industrial apparatus	441.73	451.96	434.25	40.6	41.2	41.2	10.88	10.97	10.54
Transportation equipment	677.95	663.65	664.95	45.5	45.3	46.5	14.90	14.65	14.30
Motor vehicles and equipment	709.85	705.97	718.43	45.3	45.4	47.8	15.67	15.55	15.03
Instruments and related products	434.26	423.72	389.80	43.6	42.8	43.7	9.96	9.90	8.92
Measuring and controlling devices	405.22	396.16	407.22	42.7	42.1	43.6	9.49	9.41	9.34
Nondurable Goods[f]	390.57	384.96	387.32	40.6	40.1	40.9	9.62	9.60	9.47
Food and kindred products	349.44	363.31	400.26	39.8	40.1	42.4	8.78	9.06	9.44
Apparel and other textile products	285.76	274.91	276.76	38.0	36.9	38.6	7.52	7.45	7.17
Paper and allied products	433.63	434.24	446.86	42.1	42.2	44.2	10.30	10.29	10.11
Printing and publishing	381.21	390.66	376.99	37.3	37.6	37.4	10.22	10.39	10.08
Chemicals and allied products	484.76	473.30	480.48	42.3	41.7	42.0	11.46	11.35	11.44
Rubber and misc. plastics products	377.13	354.00	360.36	43.1	41.5	42.9	8.75	8.53	8.40
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	555.69	556.61	529.99	41.5	41.6	40.8	13.39	13.38	12.99
WHOLESALE TRADE	373.58	376.51	359.72	39.2	39.8	39.4	9.53	9.46	9.13
RETAIL TRADE[h]	175.46	177.10	173.20	28.3	28.2	28.3	6.20	6.28	6.12
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	270.06	266.54	255.94	....	....	....	.....	.....	.....

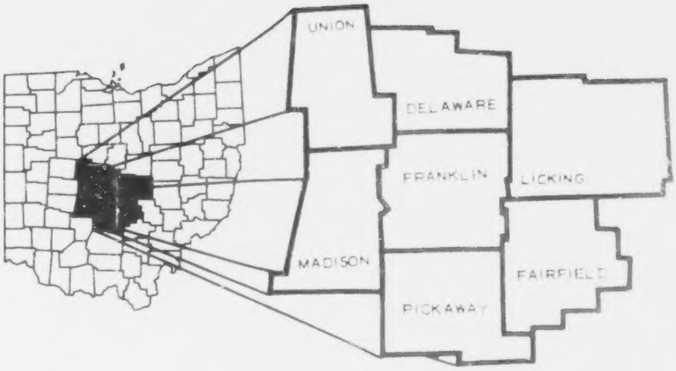
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

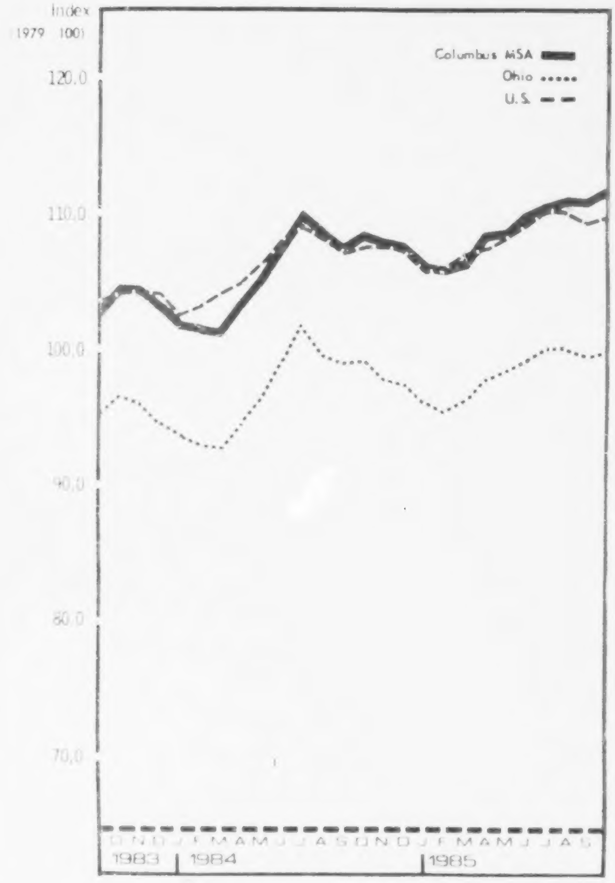
Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	7,531	9,534*	6,896
Active File of Job Seekers	114,614	115,383*	102,606
Referrals to Jobs	4,321	5,171	2,280
Placements	4,079	1,297	1,294
Job Openings Received	2,844	4,229	1,203
Job Openings Unfilled	2,657	4,935	2,535
Unemployment Insurance Program			
Initial Claims	10,157	8,800	11,658
Continued Claims	77,093	78,047	75,838
First Payments	3,919	3,714	3,914
Last Payments	1,213	1,410	1,480
Weeks Compensated	60,007	60,050	55,416
Benefits Paid	$8,698,525	$8,695,261	$7,892,364
Average Weekly Payment	$147.62	$147.58	$145.54

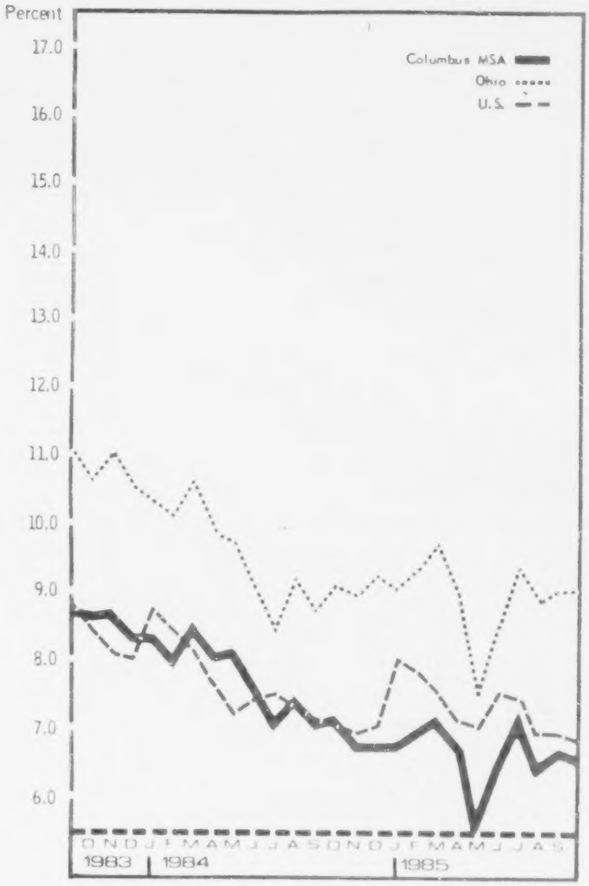
*Revised

COLUMBUS
METROPOLITAN STATISTICAL AREA



Columbus area nonfarm establishments employed 621,600 wage and salary workers in November, up from 618,100 in October. Manufacturing employment increased 200, to 105,400. Greater improvement was registered in nonmanufacturing, especially in retail trade. Production workers in factories grossed $10.91 per hour, up $.05 from October. Their workweek was .7 hours longer, at 41.7 hours.


INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

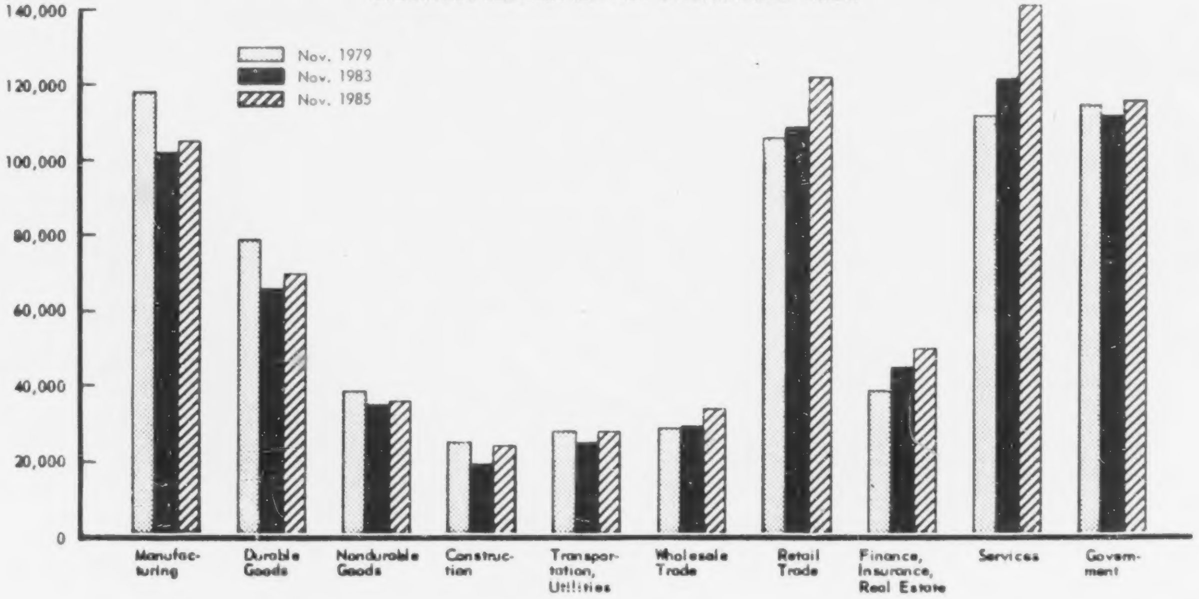
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	501.8	119.4	INA	INA	INA	INA
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.6	587.4	60.2	9.3	1983	548.3	98.7	INA	INA	INA	INA
660.9	611.3	49.6	7.5	1984	574.6	104.5	69.2	$426.06	40.5	$10.52
				1984						
675.2	627.2	48.0	7.1	October	587.5	105.8	71.4	421.45	40.1	10.51
667.9	623.1	44.8	6.7	November	590.7	106.1	72.5	441.25	41.2	10.71
665.3	621.0	44.3	6.7	December	591.6	106.0	70.9	447.44	41.7	10.73
				1985						
654.6	610.8	43.8	6.7	January	578.0	105.9	70.8	428.79	40.3	10.64
655.6	610.5	45.1	6.9	February	582.1	105.8	70.9	409.32	37.9	10.80
662.6	615.7	47.0	7.1	March	586.8	105.6	70.5	452.45	41.7	10.85
670.1	626.1	44.1	6.6	April	594.1	105.2	70.2	441.72	40.9	10.80
664.5	627.7	36.8	5.5	May	599.8	105.1	70.3	433.76	40.5	10.71
678.0	634.8	43.3	6.4	June	605.3	104.4	69.6	442.65	41.1	10.77
686.7	637.6	49.1	7.2	July	598.2	103.9	69.1	439.42	40.8	10.77
685.0	641.6	43.5	6.3	August	601.8	104.3	69.7	440.49	40.9	10.77
684.9	639.8	45.1	6.6	September	611.1	105.2	70.5	454.53	41.7	10.90
693.3	647.9	45.3	6.5	October	618.1	105.2	70.2	445.26	41.0	10.86
INA	INA	INA	INA	November	621.6	105.4	70.4	454.95	41.7	10.91

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	621.6	618.1	590.7	3.5	30.9
MANUFACTURING	105.4	105.2	106.1	.2	-.7
Durable Goods[e]	69.6	69.5	70.0	.1	-.4
Stone, clay, and glass products	11.3	11.2	12.4	.1	-1.1
Glass and glassware, pressed or blown	4.1	4.2	5.2	.0	-1.1
Fabricated metal products	10.5	10.4	10.8	.1	-.3
Fabricated structural metal products	3.2	3.2	3.1	.0	.0
Machinery, except electrical	10.2	10.0	10.7	.2	-.5
Electric and electronic equipment	11.2	11.3	12.0	-.1	-.8
Transportation equipment	15.8	15.8	13.3	.0	2.5
Instruments and related products	3.9	3.9	4.0	.0	-.1
Nondurable Goods[f]	35.8	35.7	36.1	.1	-.3
Food and kindred products	9.6	9.6	10.1	.0	-.5
Printing and publishing	9.5	9.4	9.2	.1	.3
Chemicals and allied products	6.4	6.4	6.7	.0	-.3
Rubber and misc. plastics products	5.3	5.2	5.1	.0	.1
NONMANUFACTURING[g]	516.2	513.0	484.6	3.2	31.6
CONSTRUCTION	23.6	24.1	20.9	-.5	2.7
TRANSPORTATION AND PUBLIC UTILITIES	28.1	28.1	27.2	-.1	.9
Trucking and warehousing	12.5	12.4	11.4	.0	1.1
Communication, electric, gas services	11.5	11.6	11.9	.0	-.4
WHOLESALE TRADE	33.7	33.6	31.5	.1	2.2
Wholesale trade—durable goods	21.7	21.6	20.4	.1	1.3
RETAIL TRADE	121.6	119.0	113.7	2.6	7.9
General merchandise stores	17.3	16.1	17.7	1.3	-.4
FINANCE, INSURANCE, AND REAL ESTATE	50.4	50.2	47.4	.3	3.1
Banking	10.6	10.4	9.4	.2	1.1
Insurance carriers	19.6	19.5	19.0	.1	.6
SERVICES	142.2	141.9	130.1	.4	12.2
Business services	31.4	31.3	26.9	.1	4.5
Health services	35.7	35.5	34.6	.2	1.2
GOVERNMENT	115.5	115.0	112.8	.4	2.7
Federal government	15.4	15.2	14.8	.2	.6
State government	50.9	50.7	49.8	.1	1.1
State government education[1]	22.4	22.4	21.8	.1	.6
State government, except education	28.4	28.4	28.0	.1	.5
Local government	49.2	49.0	48.2	.2	1.0
Local government education	29.2	28.9	28.6	.3	.6
Local government, except education	20.0	20.2	19.6	-.2	.4

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$454.95	$445.26	$441.25	41.7	41.0	41.2	$10.91	$10.86	$10.71
Durable Goods[e]	472.88	462.07	460.51	41.7	41.0	41.6	11.34	11.27	11.07
Stone, clay, and glass products	481.22	475.78	484.46	41.2	40.7	41.8	11.68	11.69	11.59
Glass and glassware, pressed or blown	441.14	441.86	432.12	39.6	39.7	39.0	11.14	11.13	11.08
Fabricated metal products	499.76	493.70	467.65	41.2	40.6	39.8	12.13	12.16	11.75
Fabricated structural metal products	404.97	389.22	416.64	40.7	39.0	42.0	9.95	9.98	9.92
Machinery, except electrical	406.21	411.48	408.77	40.1	40.5	41.0	10.13	10.16	9.97
Electric and electronic equipment	468.15	442.41	436.15	42.1	40.7	40.8	11.12	10.87	10.69
Transportation equipment	548.08	528.77	600.19	44.2	43.2	47.0	12.40	12.24	12.77
Instruments and related products	377.74	380.97	364.00	40.1	40.4	40.0	9.42	9.43	9.10
Nondurable Goods[f]	412.10	407.54	396.26	41.5	41.0	40.6	9.93	9.94	9.76
Food and kindred products	401.14	395.85	364.42	41.1	40.6	38.0	9.76	9.75	9.59
Printing and publishing	491.67	474.77	478.40	40.5	39.4	41.1	12.14	12.05	11.64
Chemicals and allied products	514.21	495.66	468.72	43.8	42.4	42.0	11.74	11.69	11.16
Rubber and misc. plastics products	326.66	328.32	322.98	42.7	42.2	42.0	7.65	7.78	7.69
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	544.38	539.98	520.96	40.9	40.6	40.7	13.31	13.30	12.80
WHOLESALE TRADE	303.00	296.06	300.23	38.5	38.3	39.4	7.87	7.73	7.62
RETAIL TRADE[h]	171.41	170.82	162.73	29.3	29.2	28.4	5.85	5.85	5.73
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	238.93	237.92	238.11	....	....	....	.....	.....	.....

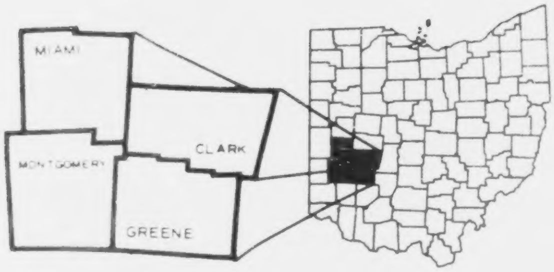
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	4,636	7,732*	5,291
Active File of Job Seekers	41,364	44,074*	52,781
Referrals to Jobs	3,058	5,134	3,192
Placements	991	1,308	1,207
Job Openings Received	2,334	3,171	2,135
Job Openings Unfilled	7,692	7,884	7,193
Unemployment Insurance Program			
Initial Claims	6,633	5,291	6,373
Continued Claims	38,320	37,823	40,371
First Payments	2,240	1,779	2,097
Last Payments	613	655	797
Weeks Compensated	29,343	30,157	30,408
Benefits Paid	$4,326,572	$4,293,841	$4,121,677
Average Weekly Payment	$147.68	$145.60	$138.56

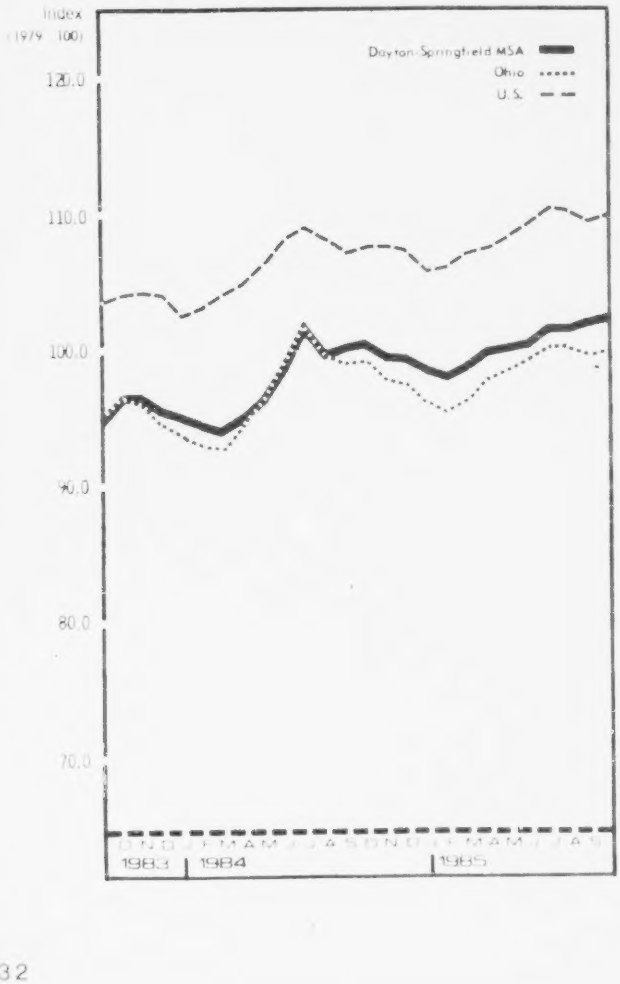
*Revised

DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA

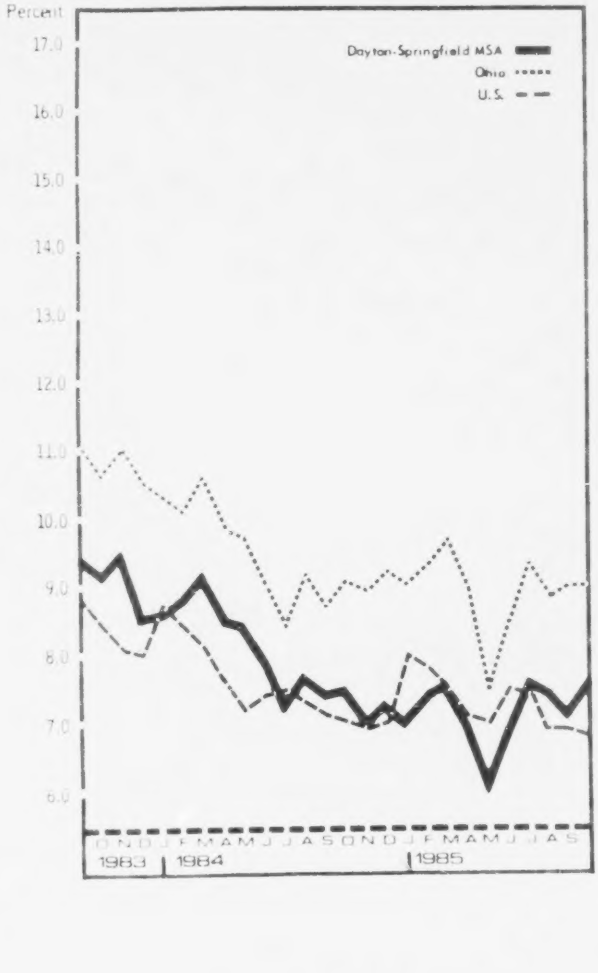


Wage and salary employment in the Dayton-Springfield metropolitan area rose 1,400 from October, to 415,800 in November. Increases in retail trade boosted nonmanufacturing despite a seasonal decline in construction employment. Losses in nonelectrical machinery contributed most to a decline of 500 manufacturing jobs from October, to 105,400 in November. Production workers in factories earned $12.06 per hour for a workweek of 43.2 hours, up $.10 and .6 hours from October averages.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



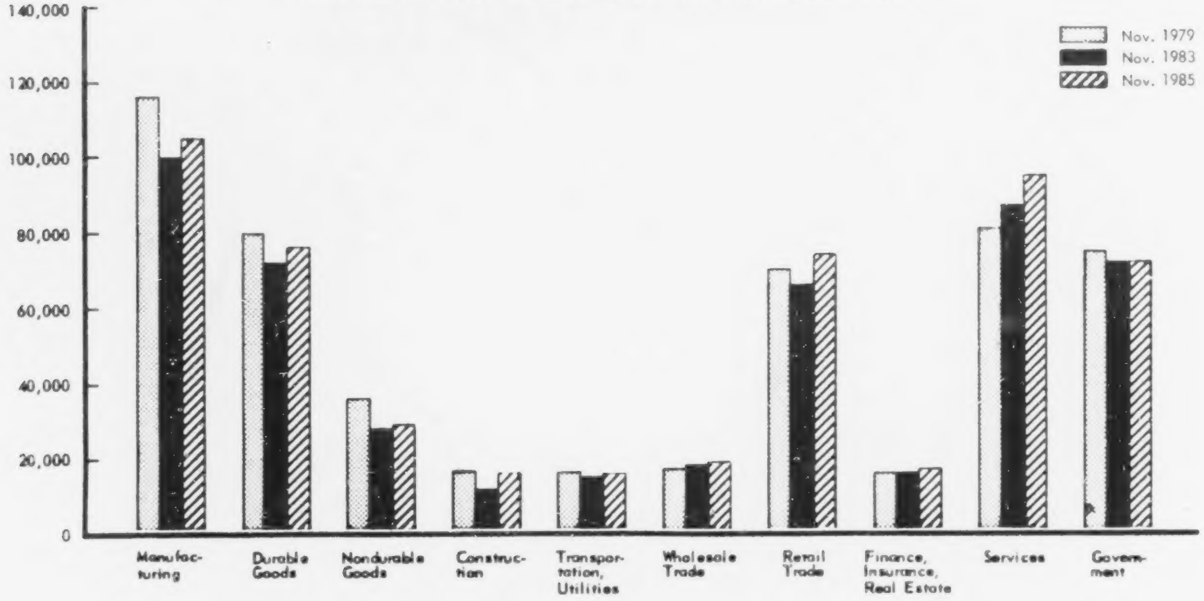
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	376.6	128.1	INA	INA	INA	INA
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.4	391.9	46.5	10.6	1983	372.3	95.5	INA	INA	INA	INA
444.5	409.2	35.3	7.9	1984	391.6	103.4	67.7	$480.99	42.9	$11.21
				1984						
453.7	419.7	34.0	7.5	October	400.4	105.0	68.9	469.69	42.2	11.13
448.1	416.5	31.5	7.0	November	401.9	105.4	69.2	492.91	43.2	11.41
448.1	415.3	32.7	7.3	December	402.5	105.4	69.1	517.73	44.1	11.74
				1985						
442.4	411.5	30.9	7.0	January	396.4	105.0	68.9	509.95	43.4	11.75
441.6	409.0	32.7	7.4	February	396.7	105.2	69.1	482.70	40.7	11.86
447.2	413.2	34.0	7.6	March	400.5	106.2	69.9	505.13	43.1	11.72
448.3	417.5	30.8	6.9	April	403.0	105.8	69.4	511.49	43.2	11.84
444.8	418.3	26.5	6.0	May	406.6	105.9	69.4	507.40	43.0	11.80
450.4	419.4	31.0	6.9	June	406.7	105.9	69.0	543.23	44.6	12.18
459.3	424.4	34.9	7.6	July	404.4	105.5	68.1	537.03	44.2	12.15
458.4	424.3	34.1	7.4	August	405.0	105.4	68.0	503.11	42.6	11.81
457.7	425.2	32.5	7.1	September	413.1	106.2	69.0	528.77	43.7	12.10
462.7	427.6	35.1	7.6	October	414.3	105.9	69.0	509.50	42.6	11.96
INA	INA	INA	INA	November	415.8	105.4	68.7	520.99	43.2	12.06

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	415.8	414.3	401.9	1.4	13.8
MANUFACTURING	105.4	105.9	105.4	- .5	.1
Durable Goods[e]	76.0	76.4	76.4	- .4	- .3
Fabricated metal products	8.0	8.1	8.0	- .1	.0
Machinery, except electrical	30.9	31.2	32.7	- .3	- 1.8
Metalworking machinery	6.9	6.9	6.8	.0	.1
General industrial machinery	2.6	2.7	2.9	- .1	- .3
Electric and electronic equipment	5.4	5.5	5.6	.0	- .2
Electrical industrial apparatus	3.1	3.1	3.1	.0	.0
Transportation equipment	22.0	21.9	20.5	.1	1.5
Nondurable Goods[f]	29.4	29.5	29.0	- .1	.4
Food and kindred products	3.1	3.1	3.1	.0	- .1
Paper and allied products	5.8	5.8	5.7	.0	.1
Printing and publishing	8.3	8.2	8.2	.1	.1
Rubber and misc. plastics products	8.8	8.9	8.4	.0	.4
NONMANUFACTURING[g]	310.3	308.4	296.5	1.9	13.8
CONSTRUCTION	16.3	16.7	14.0	- .3	2.3
TRANSPORTATION AND PUBLIC UTILITIES	16.2	16.2	15.4	.0	.8
Communication, electric, gas services	6.5	6.5	6.8	.0	- .3
WHOLESALE TRADE	19.3	19.0	18.6	.2	.7
Wholesale trade-durable goods	13.5	13.4	13.0	.1	.5
RETAIL TRADE	74.1	72.6	68.9	1.5	5.2
General merchandise stores	11.9	11.2	12.1	.8	- .2
FINANCE, INSURANCE, AND REAL ESTATE	16.6	16.5	16.1	.1	.4
Banking	4.1	4.1	4.0	.0	.1
Credit agencies other than banks	4.6	4.6	4.2	.0	.4
Insurance carriers	2.8	2.8	3.2	.0	- .5
SERVICES	95.4	95.1	90.4	.3	5.0
Business services	19.5	19.3	17.4	.1	2.1
Educational services	8.5	8.2	7.2	.3	1.3
GOVERNMENT	72.2	71.9	72.8	.3	- .6
Federal government	27.2	27.2	26.4	.1	.9
State government	6.2	6.0	6.7	.1	- .5
State government education[i]	3.6	3.5	4.1	.1	- .5
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.8	38.7	39.7	.1	- 1.0
Local government education	24.3	24.2	25.0	.1	- .7
Local government, except education	14.4	14.5	14.7	- .1	- .3

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$520.99	$509.50	$492.91	43.2	42.6	43.2	$12.06	$11.96	$11.41
Durable Goods[e]	532.52	524.24	505.32	43.4	42.9	43.6	12.27	12.22	11.59
Fabricated metal products	365.81	358.90	345.22	40.6	40.1	42.1	9.01	8.95	8.20
Machinery, except electrical	569.03	561.48	555.24	44.7	43.9	45.4	12.73	12.79	12.23
Metalworking machinery	547.32	538.70	558.92	46.7	46.6	48.1	11.72	11.56	11.62
General industrial machinery	422.28	433.87	394.61	40.8	41.4	39.9	10.35	10.48	9.89
Electric and electronic equipment	386.23	392.04	357.44	41.8	42.2	42.3	9.24	9.29	8.45
Electrical industrial apparatus	433.59	433.59	382.62	43.1	43.1	42.0	10.06	10.06	9.11
Transportation equipment	651.07	637.73	612.45	44.2	43.8	43.1	14.73	14.56	14.21
Nondurable Goods[f]	489.20	463.27	461.49	42.8	41.4	42.3	11.43	11.19	10.91
Food and kindred products	385.86	371.82	414.71	43.6	42.3	43.7	8.85	8.79	9.49
Paper and allied products	446.66	420.92	441.68	44.8	43.8	45.3	9.97	9.61	9.75
Printing and publishing	429.60	422.67	410.34	40.0	39.1	39.8	10.74	10.81	10.31
Rubber and misc. plastics products	625.10	588.47	566.95	43.5	41.5	42.5	14.37	14.18	13.34
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	538.01	536.51	508.80	40.3	40.4	40.0	13.35	13.28	12.72
WHOLESALE TRADE	381.60	380.88	381.43	40.9	41.4	42.1	9.33	9.20	9.06
RETAIL TRADE[h]	156.51	161.07	156.77	29.2	29.5	28.4	5.36	5.46	5.52

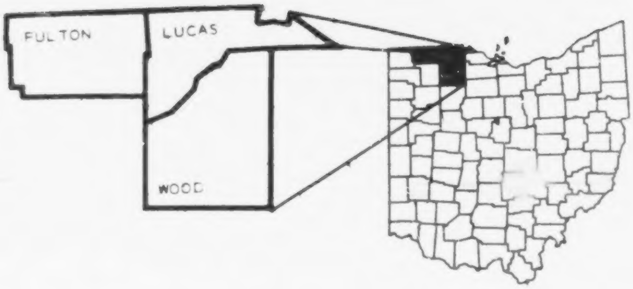
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	3,533	4,376*	3,199
Active File of Job Seekers	30,611	31,075*	34,028
Referrals to Jobs	1,672	2,097	1,811
Placements	472	496	692
Job Openings Received	1,249	1,016	744
Job Openings Unfilled	1,716	1,694	1,606
Unemployment Insurance Program			
Initial Claims	4,780	4,033	4,809
Continued Claims	27,95[illegible]	27,720	27,232
First Payments	1,843	1,576	1,804
Last Payments	348	421	451
Weeks Compensated	22,753	20,530	20,865
Benefits Paid	$3,160,782	$2,798,468	$2,683,394
Average Weekly Payment	$141.66	$138.99	$131.23

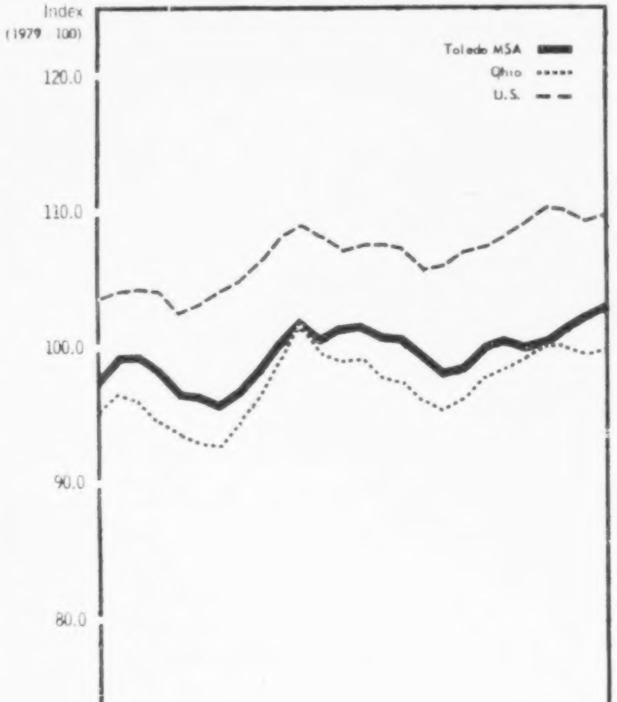
*Revised

TOLEDO
METROPOLITAN STATISTICAL AREA

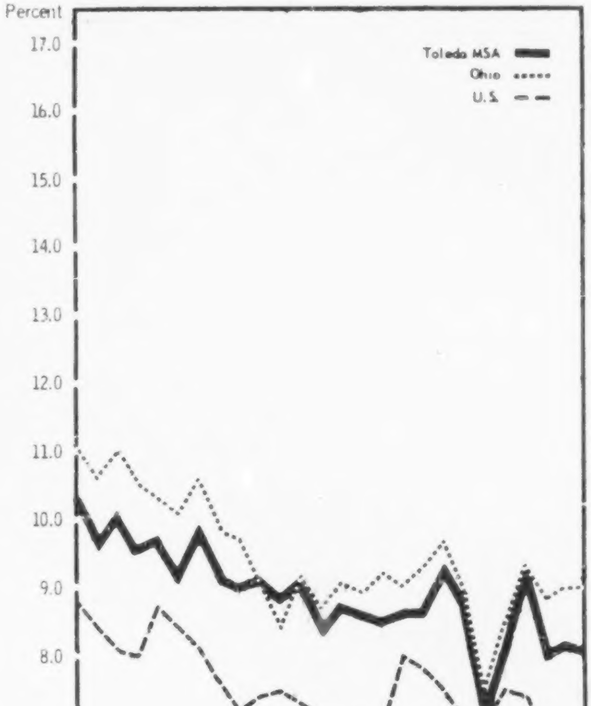


Nonagricultural wage and salary employment in the Toledo metropolitan area totaled 271,200 in November, up 1,200 from the previous month. Seasonal gains in retail trade accounted for much of the improvement. Manufacturing employment dropped 200 over the month, to 65,900 in November, as producers of durable goods, especially motor vehicles and equipment, reported reductions. Production workers in factories averaged $12.42 per hour for a workweek of 42.7 hours in November, down $.09 and .3 hours from October.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



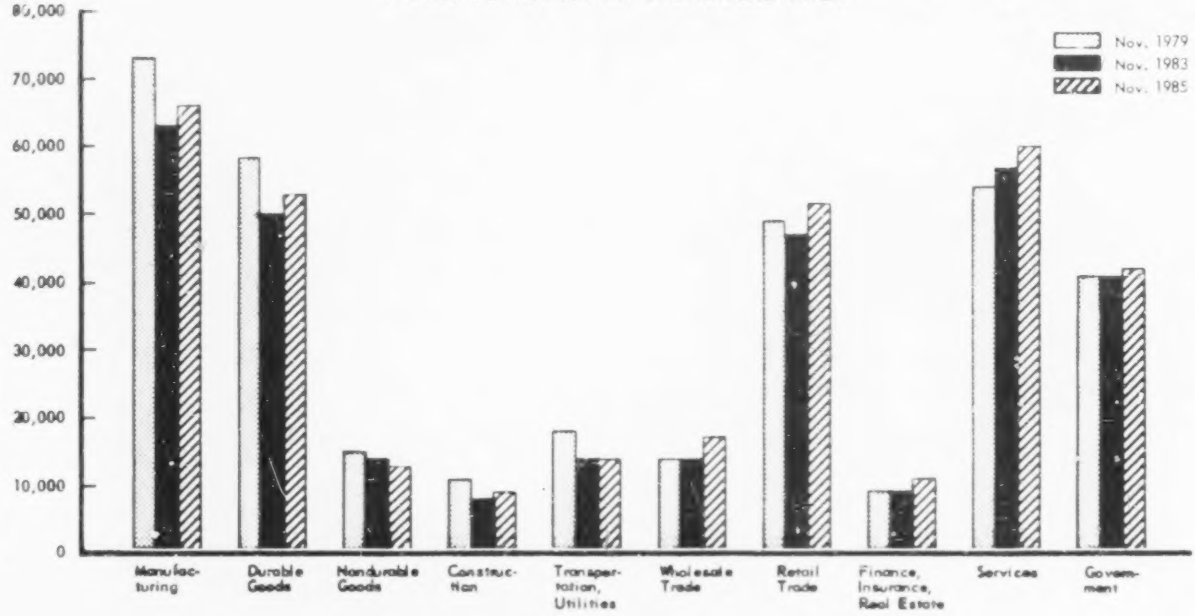
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed: Total	Unemployed: Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
INA	INA	INA	INA	1974	251.6	78.8	INA	INA	INA	INA
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.1	256.1	33.0	11.4	1983	244.9	59.6	INA	INA	INA	INA
291.3	265.1	26.2	9.0	1984	255.5	64.8	45.7	$502.42	43.2	$11.63
				1984						
297.8	271.8	26.0	8.7	October	261.1	65.6	46.6	515.96	43.8	11.78
294.5	269.0	25.5	8.6	November	261.5	65.0	46.4	516.35	43.5	11.87
293.8	268.8	25.0	8.5	December	262.5	65.1	45.4	533.05	44.2	12.06
				1985						
289.4	264.5	24.9	8.6	January	256.6	65.1	45.6	529.48	43.4	12.20
285.7	261.2	24.6	8.6	February	255.2	64.3	44.8	507.55	41.5	12.23
290.6	263.6	27.0	9.3	March	257.6	64.5	44.3	519.23	42.7	12.16
293.0	267.5	25.5	8.7	April	260.3	64.8	45.4	507.83	41.9	12.12
288.7	268.5	20.2	7.0	May	263.1	64.8	45.3	513.15	42.2	12.16
290.4	266.9	23.5	8.1	June	260.9	64.6	45.1	517.65	42.5	12.18
296.2	268.6	27.6	9.3	July	258.6	63.7	44.2	517.37	42.2	12.26
294.5	271.2	23.3	7.9	August	261.2	66.3	46.8	531.42	43.1	12.33
297.3	273.3	24.0	8.1	September	268.0	67.5	48.0	536.60	43.1	12.45
299.4	275.6	23.8	8.0	October	270.0	66.1	46.5	537.93	43.0	12.51
INA	INA	INA	INA	November	271.2	65.9	46.5	533.33	42.7	12.49

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	271.2	270.0	261.5	1.2	9.7
MANUFACTURING	65.9	66.1	65.0	- .2	.9
Durable Goods[e]	52.9	53.3	51.4	- .5	1.5
Stone, clay, and glass products	9.4	9.5	9.5	- .1	.0
Primary metal industries	3.7	3.8	3.7	- .1	.0
Fabricated metal products	7.3	7.5	7.7	- .1	- .4
Metal forgings and stampings	3.5	3.6	3.6	- .1	- .1
Machinery, except electrical	6.0	6.0	6.2	.0	- .2
Electric and electronic equipment	2.9	3.0	3.3	.0	- .3
Transportation equipment	19.4	19.7	17.2	- .3	2.2
Motor vehicles and equipment	18.3	18.6	16.0	- .3	2.3
Nondurable Goods[f]	13.0	12.7	13.6	.3	- .6
Food and kindred products	3.5	3.3	3.5	.2	.0
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[g]	205.3	203.9	196.5	1.5	8.9
CONSTRUCTION	9.3	9.4	8.3	.0	1.1
TRANSPORTATION AND PUBLIC UTILITIES	14.4	14.3	14.4	.1	.0
Trucking and warehousing	6.1	6.0	5.8	.1	.3
Communication, electric, gas services	4.9	4.9	4.9	.0	- .1
WHOLESALE TRADE	16.8	16.7	15.7	.0	1.1
Wholesale trade-durable goods	11.5	11.5	10.6	.0	.8
RETAIL TRADE	51.5	50.2	48.9	1.3	2.5
General merchandise stores	7.5	7.1	7.8	.4	- .3
FINANCE, INSURANCE, AND REAL ESTATE	10.9	10.8	10.1	.0	.7
Banking	3.6	3.6	3.3	.0	.2
SERVICES	60.0	60.2	57.4	- .2	2.6
Business services	11.4	11.3	10.2	.1	1.3
Health services	24.2	24.2	23.9	- .1	.2
GOVERNMENT	42.2	42.0	41.4	.3	.8
State government	15.5	15.4	15.4	.0	.1
State government education[i]	11.6	11.6	11.5	.0	.1
State government, except education	3.8	3.8	3.8	.0	.0
Local government	24.2	24.0	23.6	.2	.5
Local government education	14.1	13.8	13.6	.3	.5
Local government, except education	10.1	10.1	10.0	- .1	.1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$530.33	$537.93	$516.35	42.7	43.0	43.5	$12.42	$12.51	$11.87
Durable Goods[e]	555.55	562.46	543.92	43.2	43.5	43.9	12.86	12.93	12.39
Stone, clay, and glass products	567.88	559.33	498.12	44.4	43.8	42.0	12.79	12.77	11.86
Primary metal industries	500.63	489.25	476.41	44.5	43.8	45.2	11.25	11.17	10.54
Fabricated metal products	476.94	486.63	478.82	41.8	42.5	42.6	11.41	11.45	11.24
Metal forgings and stampings	558.49	542.05	567.63	42.6	41.6	43.9	13.11	13.03	12.93
Machinery, except electrical	448.62	454.44	446.78	41.5	42.0	41.6	10.81	10.82	10.74
Electric and electronic equipment	519.44	508.39	458.00	42.3	41.4	40.0	12.28	12.28	11.45
Transportation equipment	651.13	665.56	666.61	43.7	44.4	46.1	14.90	14.99	14.46
Motor vehicles and equipment	652.26	668.66	669.90	43.6	44.4	46.2	14.96	15.06	14.50
Nondurable Goods[f]	423.05	425.08	419.42	40.6	40.6	41.9	10.42	10.47	10.01
Food and kindred products	444.89	455.39	447.79	39.9	40.3	41.5	11.15	11.30	10.79
Rubber and misc. plastics products	318.75	310.81	342.14	39.4	38.9	43.2	8.09	7.99	7.92
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	575.10	575.66	550.20	42.6	42.8	42.0	13.50	13.45	13.10
WHOLESALE TRADE	349.53	342.69	291.41	38.2	37.7	35.8	9.15	9.09	8.14
RETAIL TRADE[h]	152.64	153.94	156.48	28.8	29.1	28.4	5.30	5.29	5.51

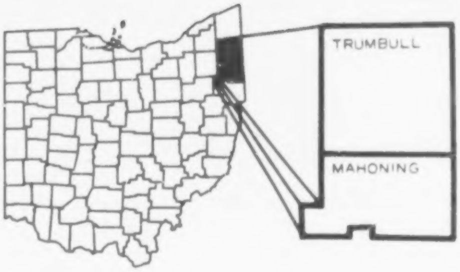
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only: tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	2,595	4,023*	2,612
Active File of Job Seekers	27,005	28,802*	35,693
Referrals to Jobs	2,232	2,151*	1,295
Placements	1,682	964	604
Job Openings Received	1,569	1,480	666
Job Openings Unfilled	1,358	1,950	7,092
Unemployment Insurance Program			
Initial Claims	4,633	3,841	5,942
Continued Claims	20,358	20,006	24,584
First Payments	1,188	978	1,229
Last Payments	264	329	413
Weeks Compensated	15,222	14,652	17,513
Benefits Paid	$2,062,735	$1,999,494	$2,404,970
Average Weekly Payment	$138.86	$140.11	$142.38

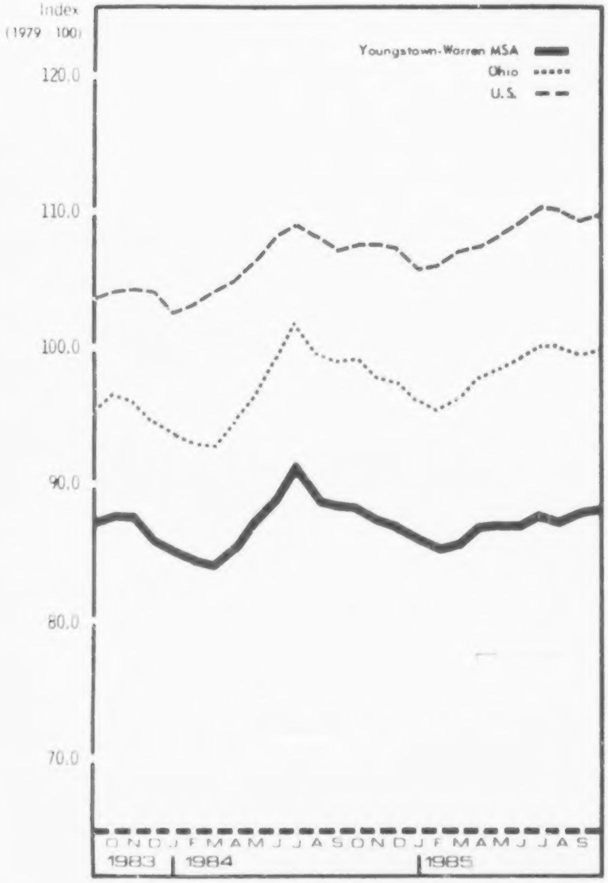
*Revised

YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA

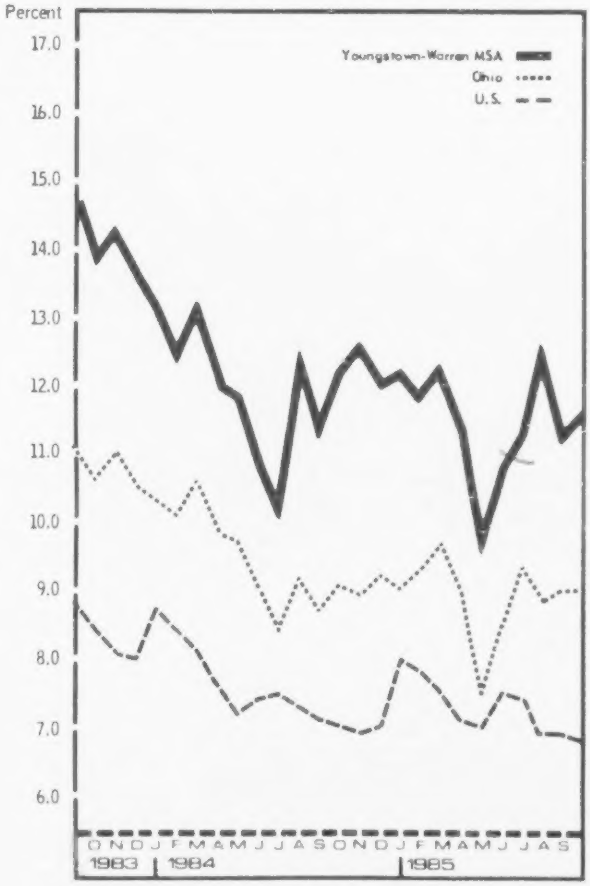


Nonagricultural industries in the Youngstown-Warren area employed 187,500 workers in November, unchanged from the previous month. Seasonal increases in retail trade boosted nonmanufacturing, but the gains were offset by seasonal layoffs in construction and scattered losses in durable goods. Manufacturing employment declined 500, to 53,100 in November. The average pay of factory production workers, at $13.44 per hour, was up $.16 from October. The average workweek—44.5 hours—was .1 hours longer.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



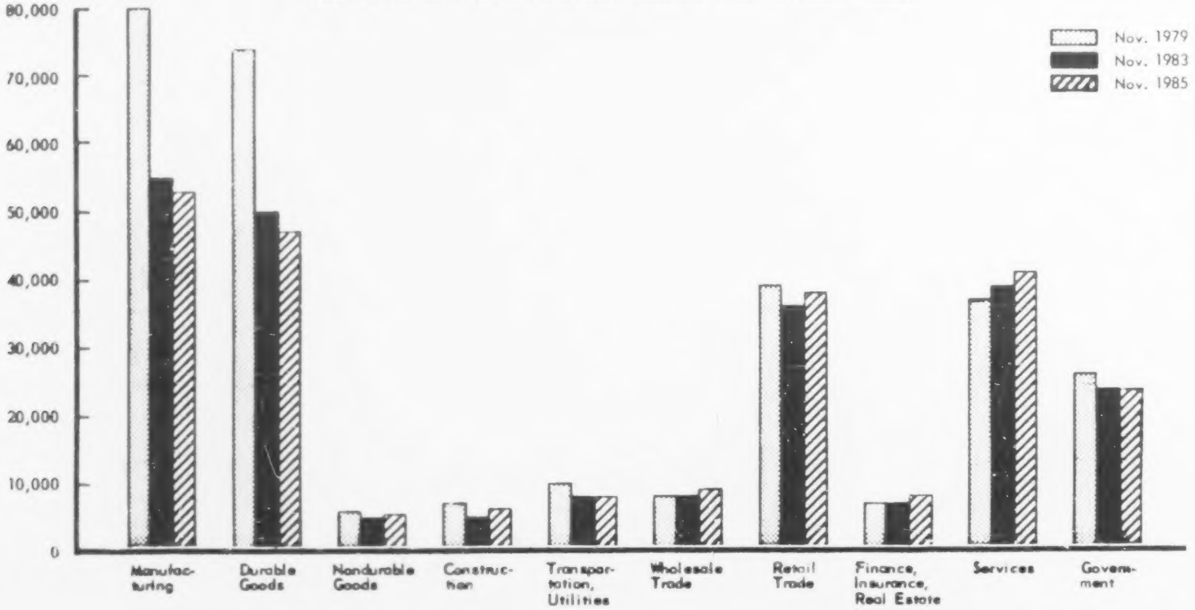
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	223.7	13.0	5.5	1974	213.5	92.0	74.2	$236.06	40.7	$ 5.80
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	246.65	38.6	6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	188.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.4	16.6	1983	177.4	52.8	39.2	521.20	42.1	12.38
218.1	191.9	26.2	12.0	1984	182.3	55.2	41.8	555.97	43.3	12.84
				1984						
221.5	194.4	27.1	12.2	October	184.2	54.4	41.5	546.99	42.7	12.81
220.1	192.3	27.8	12.6	November	184.2	54.4	41.3	531.33	41.7	12.75
217.2	191.2	26.0	12.0	December	184.0	54.0	41.2	563.30	43.0	13.10
				1985						
214.6	188.4	26.1	12.2	January	180.1	53.8	41.0	585.20	44.0	13.30
212.3	187.2	25.1	11.8	February	180.0	53.4	40.8	552.02	42.3	13.05
214.8	188.4	26.4	12.3	March	181.4	53.6	41.1	558.99	42.9	13.03
215.4	191.0	24.4	11.3	April	183.2	53.7	41.1	551.59	42.3	13.04
212.1	191.7	20.4	9.6	May	185.2	53.0	40.4	579.88	43.6	13.30
215.2	191.8	23.3	10.8	June	184.9	53.1	40.3	563.68	42.8	13.17
218.1	193.4	24.7	11.3	July	183.7	52.5	39.8	569.67	42.8	13.31
219.4	191.8	27.6	12.6	August	181.1	49.7	37.1	539.35	41.5	12.99
217.6	193.2	24.4	11.2	September	186.2	53.5	40.5	552.82	42.2	13.10
218.8	193.5	25.3	11.6	October	187.5	53.6	40.7	589.63	44.4	13.28
INA	INA	INA	INA	November	187.5	53.1	40.3	598.08	44.5	13.44

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	November 1985[b]	October 1985[c]	November 1984[c]	From Last Month	From Last Year
TOTAL	187.5	187.5	184.2	.0	3.3
MANUFACTURING	53.1	53.6	54.4	- .5	- 1.3
Durable Goods[e]	47.4	48.0	48.9	- .6	- 1.5
Primary metal industries	20.3	20.4	22.0	- .1	- 1.7
Blast furnace and basic steel products	6.8	6.8	7.9	.0	- 1.1
Fabricated metal products	8.0	8.1	8.2	- .1	- .2
Machinery, except electrical	3.4	3.6	3.7	- .2	- .3
Electric and electronic equipment	2.5	2.5	2.8	.0	- .3
Transportation equipment	9.8	9.8	8.7	- .1	1.1
Nondurable Goods[f]	5.7	5.6	5.5	.1	.2
NONMANUFACTURING[g]	134.4	133.9	129.8	.5	4.5
CONSTRUCTION	6.4	6.8	6.1	- .4	.3
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.7	7.7	- .1	- .1
Communication, electric, gas services	3.0	3.0	3.1	.0	- .1
WHOLESALE TRADE	9.3	9.3	8.4	.0	.9
Wholesale trade-durable goods	5.9	5.9	5.5	.0	.4
RETAIL TRADE	37.7	37.2	35.9	.5	1.8
General merchandise stores	6.1	5.7	6.2	.3	- .2
FINANCE, INSURANCE, AND REAL ESTATE	7.6	7.4	7.3	.1	.3
Banking	2.5	2.5	2.5	.0	.0
SERVICES	41.1	41.2	39.9	- .1	1.2
Health services	17.4	17.4	17.8	.0	- .4
GOVERNMENT	24.0	23.6	23.9	.4	.1
State government	4.0	3.6	4.1	.4	- .1
State government education[h]	2.5	2.1	2.6	.4	- .1
State government, except education	1.4	1.5	1.4	.0	.0
Local government	18.1	18.1	17.9	.0	.2
Local government education	11.5	11.5	11.4	.1	.2
Local government, except education	6.6	6.6	6.6	- .1	.0

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1985[b]	October 1985[c]	November 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]	Nov. 1985[b]	Oct. 1985[c]	Nov. 1984[c]
MANUFACTURING	$598.08	$589.63	$539.33	44.5	44.4	42.3	$13.44	$13.28	$12.75
Durable Goods[e]	620.03	611.05	555.05	44.8	44.7	42.5	13.84	13.67	13.06
Primary metal industries	573.08	570.65	580.73	40.5	40.3	41.9	14.15	14.16	13.86
Blast furnace and basic steel products	486.89	480.08	521.53	36.2	35.8	39.6	13.45	13.41	13.17
Fabricated metal products	594.38	576.35	495.33	42.7	42.1	39.5	13.92	13.69	12.54
Machinery, except electrical	497.57	477.98	435.72	42.6	41.6	38.8	11.68	11.49	11.23
Electric and electronic equipment	413.29	411.25	429.53	40.4	40.2	41.5	10.23	10.23	10.35
Transportation equipment	889.62	883.34	694.91	57.1	58.0	48.8	15.58	15.23	14.24
Nondurable Goods[f]	375.65	361.82	356.80	41.1	40.7	39.6	9.14	8.89	9.01
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	.....	.....	.....
Communication, electric, gas services ..	540.38	539.92	503.38	41.6	41.5	40.4	12.99	13.01	12.46
WHOLESALE TRADE	309.01	321.68	324.56	36.7	37.8	38.5	8.42	8.51	8.43
RETAIL TRADE[h]	164.14	164.96	165.89	29.0	29.3	28.8	5.66	5.63	5.76

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

Activity	November 1985	October 1985	November 1984
Employment Service Program			
New Applicants	2,452	3,339*	3,071
Active File of Job Seekers	32,255	33,857*	41,008
Referrals to Jobs	2,580	2,417*	1,648
Placements	1,098	766	676
Job Openings Received	1,222	908	589
Job Openings Unfilled	441	691	565
Unemployment Insurance Program			
Initial Claims	5,392	5,137	6,681
Continued Claims	25,440	23,391	29,881
First Payments	1,874	1,508	1,770
Last Payments	370	434	419
Weeks Compensated	20,963	19,244	25,074
Benefits Paid	$3,128,076	$2,824,348	$3,885,072
Average Weekly Payment	$153.43	$150.97	$159.21

*Revised

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	44
Manufacturing	63
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	46
Wholesale Trade	22
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	November 1985	October 1985	November 1984
New Applicants	45,237	61,989*	43,766
Active File of Job Seekers	428,306	444,231*	521,370
Counseling Interviews	2,410	2,848	2,381
Tests Administered	3,082	1,931	1,730
General Aptitude Tests	355	296	250
Proficiency Tests	646	751	744
Specific Aptitude Tests	1,766	552	571
Referrals to Jobs	34,156	36,479*	23,444
Placements	16,198	10,598	8,422
Job Openings Received	21,703	19,722	11,043
Job Openings Unfilled	24,744	26,694	28,144

Selected Unemployment Insurance Activities

Activity	November 1985	October 1985	November 1984
Initial Claims	78,989	68,175	84,472
Continued Claims	454,531	461,663	474,107
First Payments	27,396	23,966	27,187
Last Payments	6,680	7,787	8,283
Average Weekly Claimants	107,799	96,356	104,146
Average Weekly Benefit Recipients	84,231	77,356	77,570
Weeks Compensated	367,161	363,417	368,067
Benefits Paid	$51,928,634	$49,446,290	$51,829,378
Average Weekly Payment	$148.29	$149.52	$144.67
Continued Claims for Survey Week	113,857	97,375	112,876
Insured Unemployment Rate	2.6	2.4	2.7
Net Contributions	$85,072,383	$47,554,938	$88,701,373
Active Employer Accounts	190,314	189,817	189,754

*Revised

Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
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Columbus, Ohio 43216

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A WORKING OHIO
the heart of it all

Ohio
Labor
Market
Information

Labor Market Review

December 1985

Summary. Ohio's seasonally adjusted unemployment rate was 8.1 percent in December, down from 8.9 percent in November. The national rate slipped from 7.0 percent to 6.9 percent. In December 1984, the Ohio unemployment rate was 9.1 percent, while the U.S. rate was 7.2 percent. The unadjusted unemployment rate for Ohio in December 1985 was 8.5 percent, down from 9.0 percent in November. Total employment declined .3 percent to 4,730,000, but the number of unemployed individuals fell to 437,000. Seasonal gains in retail trade offset losses in construction to help raise nonagricultural wage and salary employment .2 percent to 4,461,800.

Factory Employment. Manufacturing employment in Ohio totaled 1,114,500 in December, up slightly from November. The increase occurred in durable goods production, as primary metal industries, transportation equipment, and electric and electronic equipment all had significant gains. Fabricated metal products, stone, clay and glass products, and lumber and wood products had reduced employment in December.

Factory Hours and Earnings. Factory production workers in Ohio earned an average of $498.50 per week in December, up $11.75 from November. Their average workweek rose .8 hours, to 42.9 hours. Nearly all industries had higher average weekly earnings due to increased overtime. The most significant were motor vehicles and equipment, metal forgings and stampings, and metalworking machinery.

Nonmanufacturing. Ohio's nonmanufacturing employment, at 3,347,300, was up .3 percent from November. Most of the increase was due to seasonal gains in retail trade, especially in department stores. Services also had higher employment, despite sizable declines in private colleges and universities. Poor weather caused large employment losses in construction.

Over the Year. There were 38,000 fewer unemployed Ohioans in December 1985 than in December 1984. During the period, the unadjusted unemployment rate fell from 9.1 percent to 8.5 percent. Total employment grew 2.1 percent, while nonfarm wage and salary employment gained 3.0 percent. Nonmanufacturing increased by 146,000 jobs. All major divisions in this sector had more workers, with services and retail trade increasing the most. Manufacturing employment dropped 16,100 from December 1984. Nearly all industries had reduced employment, especially nonelectrical machinery, electric and electronic equipment, primary metal industries, and fabricated metal products. Only transportation equipment, lumber and wood products, printing and publishing, and instruments and related products had employment gains over the year.

Benefits and Costs. There were 105,007 initial claims filed under the Ohio Unemployment Compensation Law in December, a 32.9 percent increase from November, and a 2.9 percent increase from December 1984. The average weekly number of benefit recipients was 110,618, up 17,487 from last month, and up 3,298 from December 1984. Total benefits paid were $60.4 million, up 13.7 percent from November. The average unemployment check rose $.11 to $148.42. At the end of December there were 190,830 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services [illegible] 48,2[illegible] new job applicants in December, [illegible] percent [illegible] percent from December 1984. Over 9,000 [illegible] The Employment Service Division made [illegible]

THE OHIO BUREAU OF EMPLOYMENT SERVICES CAN SAVE YOU TAX DOLLARS

[illegible] Bureau of Employment Services can [illegible] company tax [illegible]

[illegible] your company will be eligible [illegible]

[illegible] wages paid to the applicant in the first year [illegible]

[illegible] $3000 in wages for keeping the [illegible] second year.

For further information [illegible] contact Floyd McIntuff at 614-466-[illegible]

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
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December	[illegible]	[illegible]	[illegible]
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January	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)

Year and Month	Mining	Construction	Transportation, Communication, Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[a] Estimates in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payrolls (in millions)	Aggregate Weekly Hours (in millions)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

---

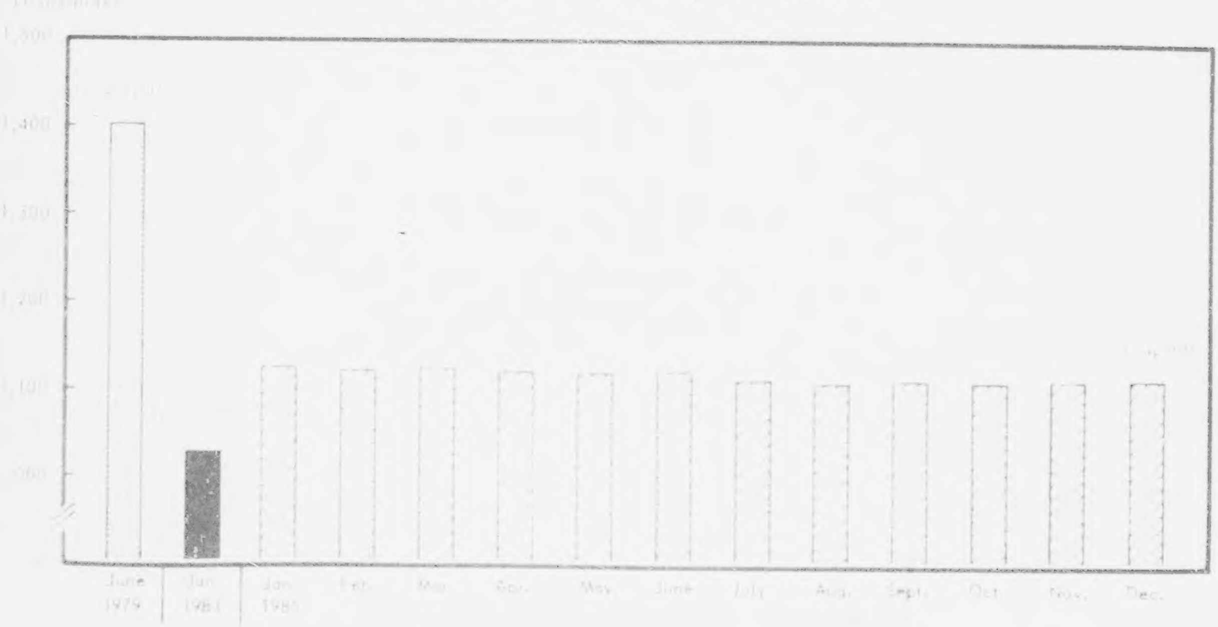
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

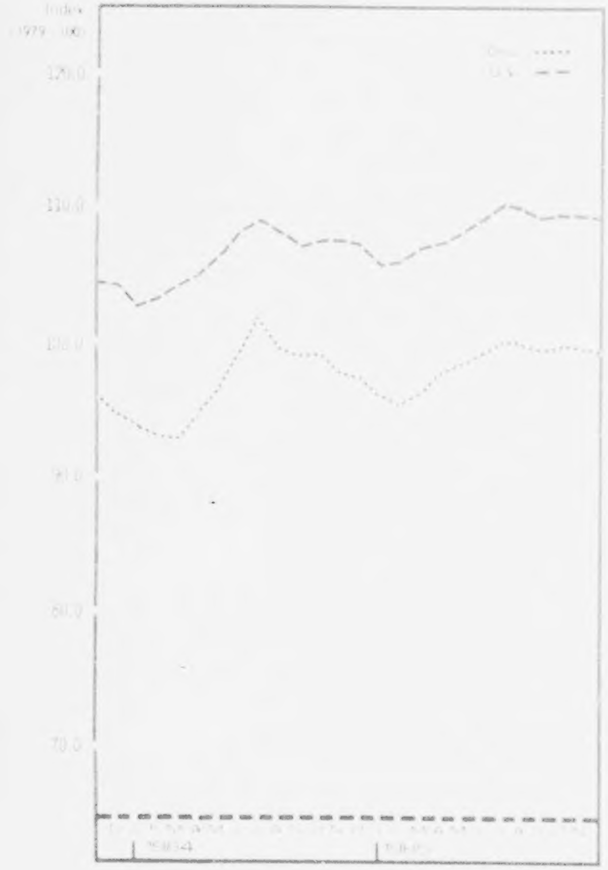
Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Trans- portation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]									
Average,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]									
January...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]									
Average,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]									
January...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
March...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
April...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
May...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
June...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December,	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

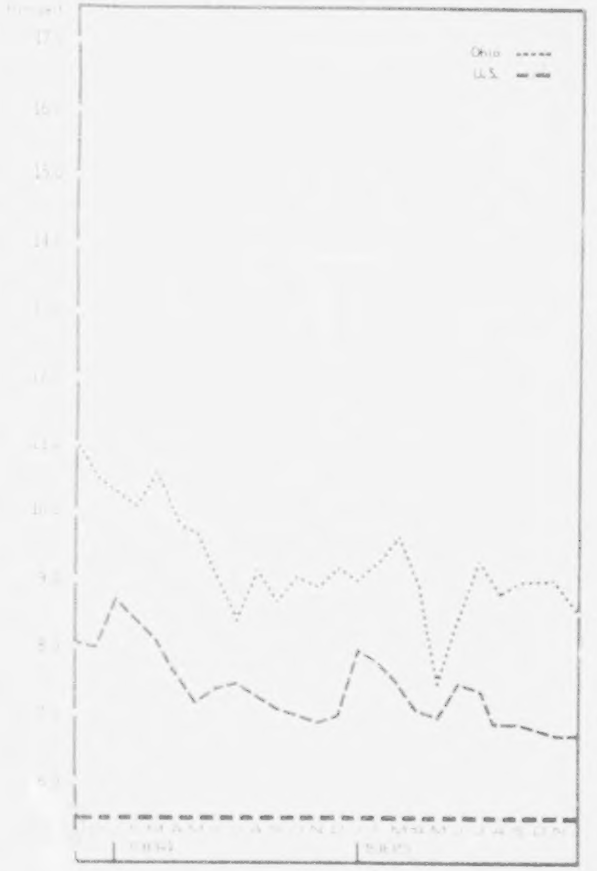
OHIO'S MANUFACTURING EMPLOYMENT



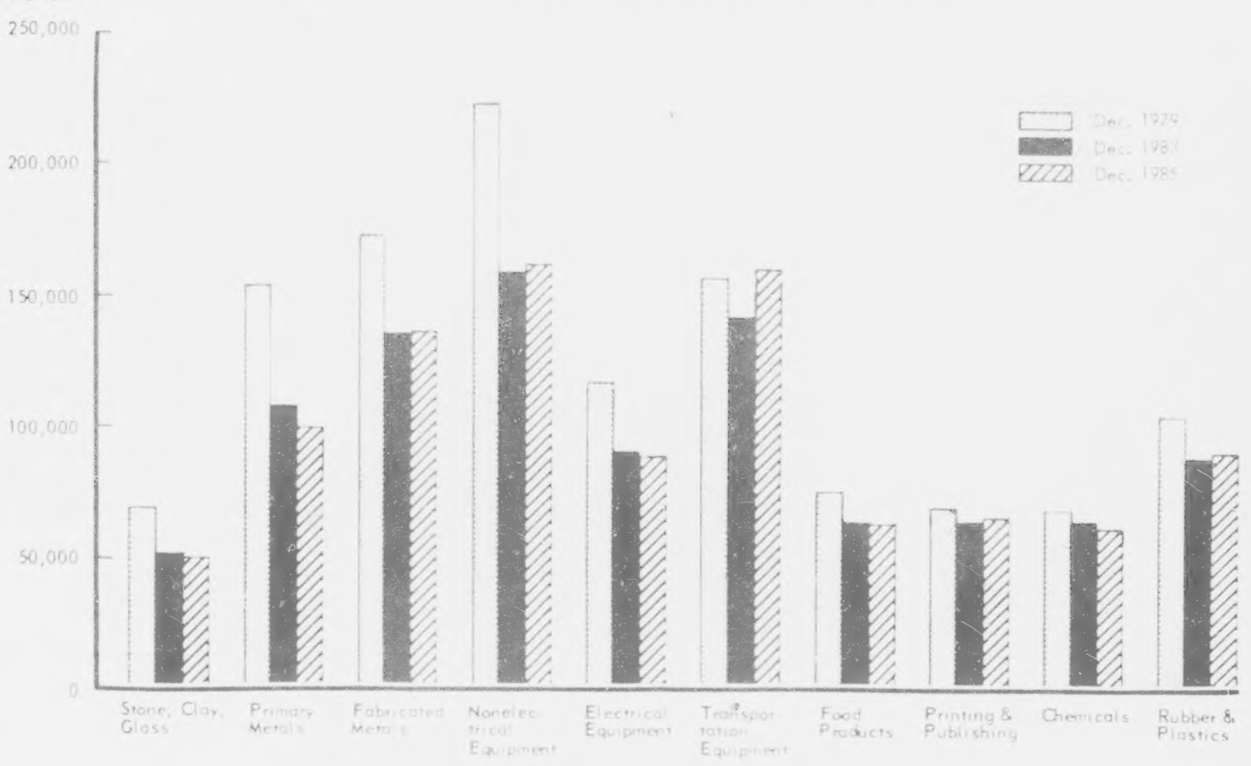
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Not Seasonally Adjusted)



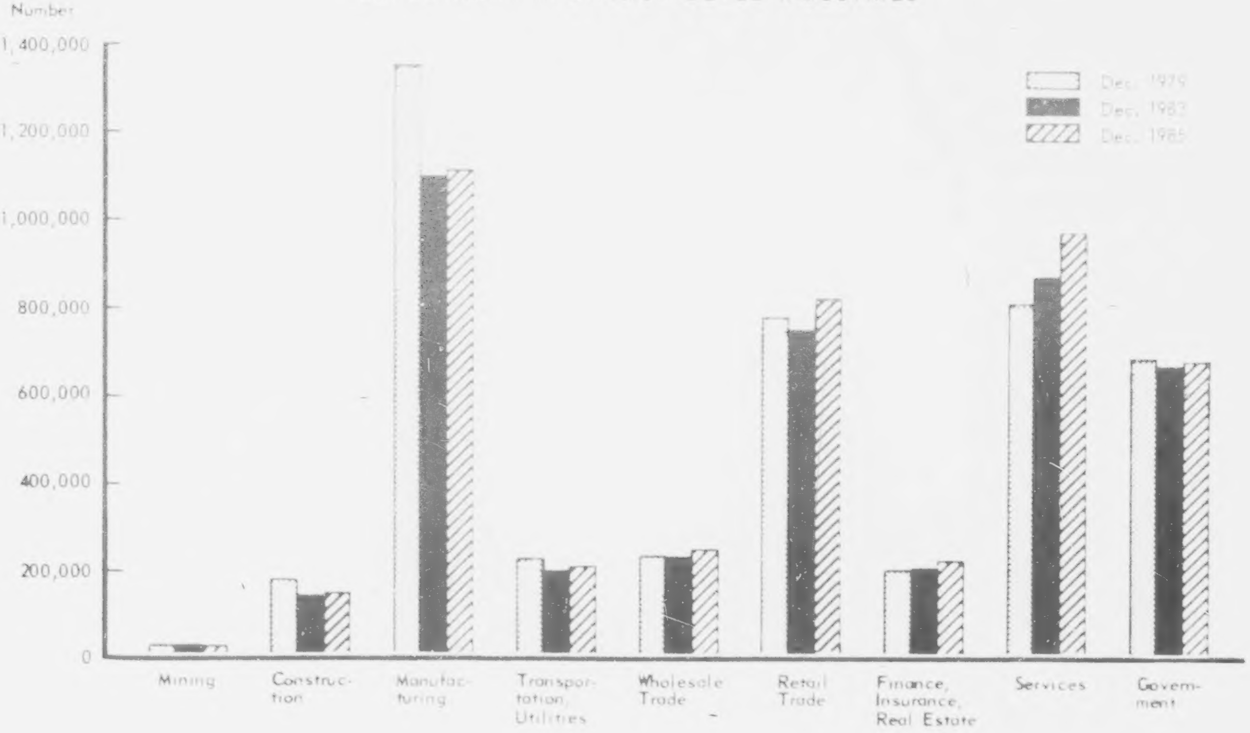
UNEMPLOYMENT RATES
OHIO AND U.S.
(Not Seasonally Adjusted)



EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES



[illegible]

[illegible]
[illegible]
Manufacturing
Durable goods
Lumber and wood products
Furniture and fixtures
Stone, clay and glass products
[illegible]
Primary metal industries
Blast furnaces and basic steel products
[illegible]
[illegible]
Fabricated metal products
[illegible]
Fabricated structural metal products
Metal forgings and stampings
Machinery, except electrical
[illegible]
Metalworking machinery
Special industry machinery
General industrial machinery
Office and computing machines
Refrigeration and service machinery
Electric and electronic equipment
Electrical industrial apparatus
Household appliances
Electric lighting and wiring equipment
Communication equipment
Transportation equipment
Motor vehicles and equipment
Aircraft and parts
Instruments and related products
[illegible]
Nondurable goods
Food and kindred products
Meat products
Dairy products
Preserved fruits and vegetables
Bakery products
Beverages
Apparel and other textile products
Paper and allied products
Misc. converted paper products
Paperboard containers and boxes
Printing and publishing
Newspapers
Commercial printing
Chemicals and allied products
Industrial inorganic chemicals
Rubber and misc. plastics products
Tires and inner tubes
Miscellaneous plastics products

See footnotes at [illegible]

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
(Continued)

Industry	Employment (in thousands)			Change[b] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	5.7	145.0
MINING	[illegible]	[illegible]	27.1	- .2	.2
Bituminous coal and lignite mining	[illegible]	[illegible]	[illegible]	- .1	.0
Oil and gas extraction	[illegible]	[illegible]	[illegible]	.1	.2
CONSTRUCTION	[illegible]	[illegible]	144.[illegible]	- [illegible]	[illegible]
General building contractors	42.[illegible]	[illegible]	36.4	- 1.4	[illegible]
Heavy construction contractors	[illegible]	[illegible]	[illegible]	- [illegible]	1.4
Highway and street construction	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Special trade contractors	[illegible]	[illegible]	[illegible]	- 5.7	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	.1	1.4
Railroad transportation	[illegible]	[illegible]	[illegible]	- .4	- [illegible]
Transportation, except railroads	[illegible]	[illegible]	[illegible]	.5	[illegible]
Trucking and warehousing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
Communication	[illegible]	[illegible]	[illegible]	- [illegible]	- [illegible]
Electric, gas, and sanitary services	[illegible]	44.4	[illegible]	[illegible]	.4
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles & automotive equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical goods	[illegible]	[illegible]	[illegible]	.1	[illegible]
Machinery, equipment, and supplies	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—nondurable goods	[illegible]	[illegible]	[illegible]	[illegible]	4.[illegible]
Groceries and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	44.5
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
Department stores	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
Food stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Automotive dealers & service stations	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and accessory stores	[illegible]	[illegible]	[illegible]	1.8	1.5
Eating and drinking places	[illegible]	[illegible]	[illegible]	.7	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Credit agencies other than banks	[illegible]	[illegible]	[illegible]	[illegible]	1.4
Insurance carriers	[illegible]	[illegible]	[illegible]	- [illegible]	- [illegible]
Life insurance	[illegible]	[illegible]	[illegible]	- [illegible]	- 1.1
Fire, marine, and casualty insurance	[illegible]	[illegible]	[illegible]	[illegible]	.4
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hotels and other lodging places	[illegible]	[illegible]	[illegible]	- .2	1.1
Personal services	[illegible]	45.4	[illegible]	.4	1.4
Laundry, cleaning, & garment services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Services to buildings	[illegible]	[illegible]	[illegible]	- .1	[illegible]
Computer and data processing services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amusement and recreation services	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nursing and personal care facilities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hospitals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Educational services	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Colleges and universities	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Federal government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government	[illegible]	[illegible]	[illegible]	.4	[illegible]
State government education[1]	[illegible]	[illegible]	[illegible]	.1	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	.3	.1
Local government	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Local government education	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	.1	[illegible]

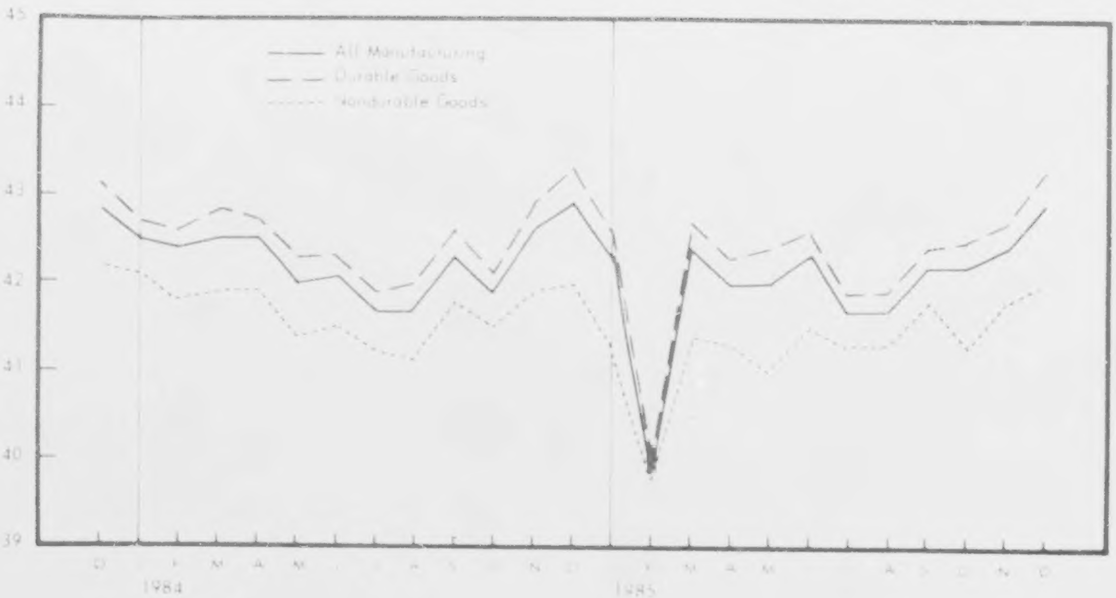
See footnotes on page 11.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
(Continued)

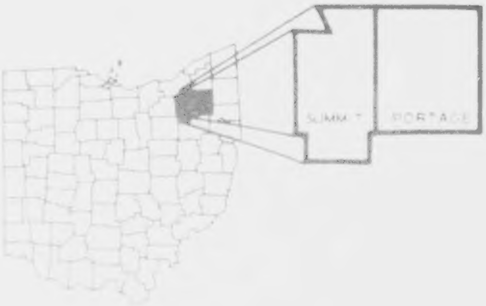
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MINING	$514.94	$517.81	$512.01	44.7	44.6	44.6	$11.52	$11.61	$11.48
Bituminous coal and lignite mining	612.35	615.86	622.50	41.6	41.5	41.5	14.72	14.84	15.00
CONSTRUCTION	586.34	555.46	593.89	38.0	36.4	37.9	15.43	15.26	15.67
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	539.44	536.90	501.83	41.4	41.3	40.7	13.03	13.00	12.33
Communication	539.72	539.38	488.43	41.2	41.3	40.2	13.10	13.06	12.15
Electric, gas, and sanitary services	538.30	534.47	520.81	41.6	41.4	41.4	12.94	12.91	12.58
WHOLESALE TRADE	360.64	355.67	345.14	39.5	39.3	39.4	9.13	9.05	8.76
Wholesale trade—durable goods	358.09	355.81	339.44	39.7	39.8	39.7	9.02	8.94	8.55
Wholesale trade—nondurable goods	364.41	365.78	354.16	39.1	39.2	38.8	9.32	9.34	9.13
RETAIL TRADE[h]	160.52	156.42	154.41	29.4	28.7	29.4	5.46	5.45	5.25
General merchandise stores	179.26	171.69	174.20	30.8	29.1	30.5	5.82	5.90	5.71
Department stores	183.88	176.06	176.69	30.8	29.1	32.6	5.97	6.05	5.42
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	242.13	236.79	226.42	....	....	....	....	....	....
Credit agencies other than banks	234.81	229.26	220.38	....	....	....	....	....	....
Insurance carriers	313.34	309.11	303.56	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	311.97	311.20	297.78	33.8	33.9	33.8	9.23	9.18	8.81

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h]Money payments only; tips not included. [i]Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES

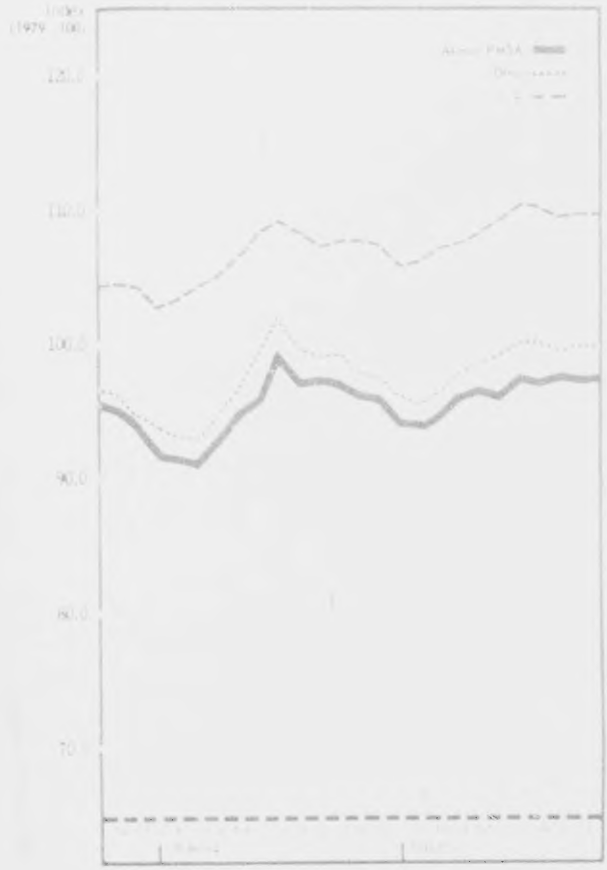


AKRON
PRIMARY METROPOLITAN STATISTICAL AREA

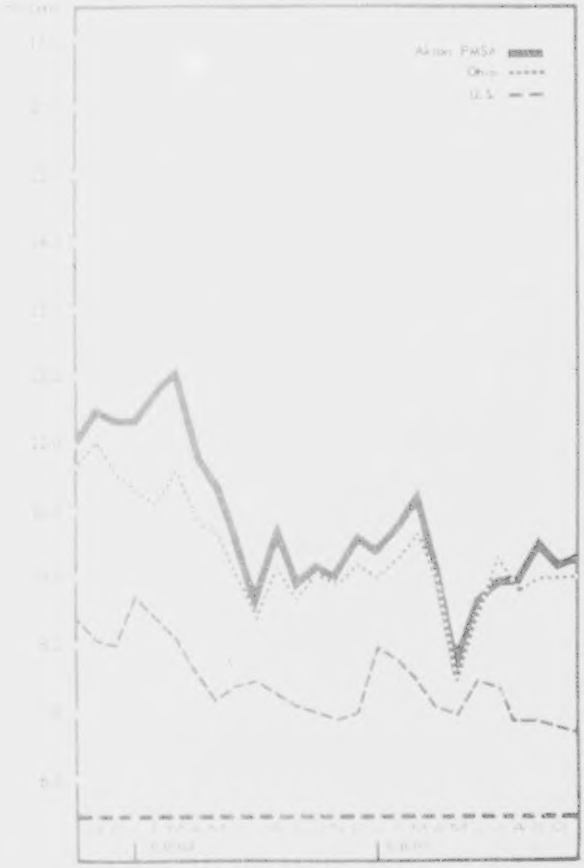


Nonagricultural wage and salary employment in Akron, at 263,200, was up 300 from November, as gains in nonmanufacturing were partially offset by declines in manufacturing. Seasonal factors boosted retail trade and lowered construction employment. Scattered losses in fabricated metal products and rubber and plastics products lowered manufacturing employment 300 to 64,900. Hourly earnings of factory production workers rose 14¢ to $11.22 an hour. Their average workweek, at 44.0 hours, was up 1 hour.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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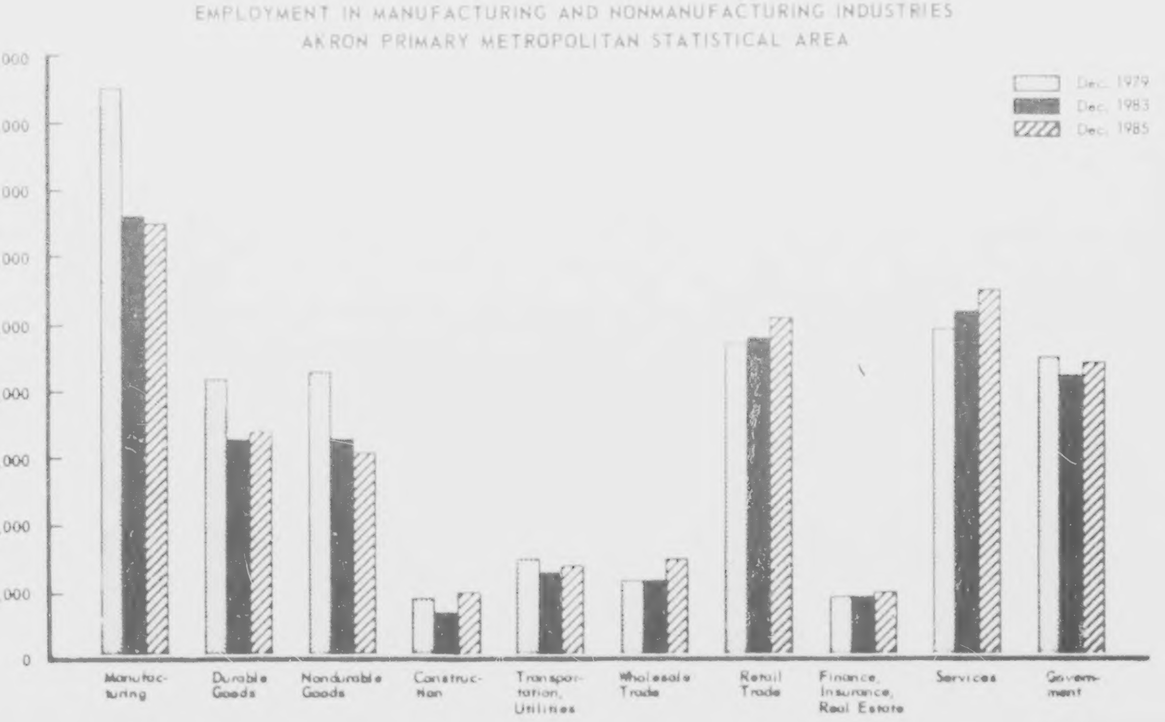
EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]

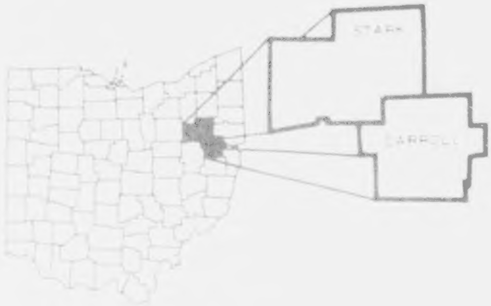
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$4[illegible]	$476.44	$495.84	44.[illegible]	43.0	45.2	$11.22	$11.08	$10.97
Durable Goods[e]	[illegible]	[illegible]	527.[illegible]	44.[illegible]	[illegible]	46.4	11.61	11.[illegible]	11.36
Fabricated metal products	[illegible]	[illegible]	670.[illegible]	45.[illegible]	[illegible]	49.2	13.67	13.40	13.62
Machinery, except electrical	[illegible]	429.24	446.[illegible]	46.[illegible]	43.8	46.8	10.[illegible]	9.80	9.5[illegible]
Metalworking machinery	446.7[illegible]	[illegible]	[illegible]	45.1	41.9	46.2	9.9[illegible]	9.54	9.81
Nondurable Goods[f]	[illegible]	[illegible]	446.[illegible]	43.7	43.3	43.2	10.60	10.59	10.33
Food and kindred products	[illegible]	458.81	[illegible]	44.[illegible]	43.0	43.7	10.7[illegible]	10.67	10.30
Chemicals and allied products	[illegible]	464.[illegible]	[illegible]	[illegible]	42.[illegible]	41.1	10.66	11.00	10.41
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	44.7	46.0	44.[illegible]	[illegible]	[illegible]	10.63
Tires and inner tubes	66[illegible]	[illegible]	[illegible]	47.[illegible]	47.[illegible]	47.2	14.0[illegible]	14.04	13.[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	41.[illegible]	41.[illegible]	[illegible]	[illegible]	[illegible]	12.55
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.45	[illegible]	8.10
RETAIL TRADE[h]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.8	6.04	[illegible]	5.96

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management dispute.

Selected Administrative Program Activities

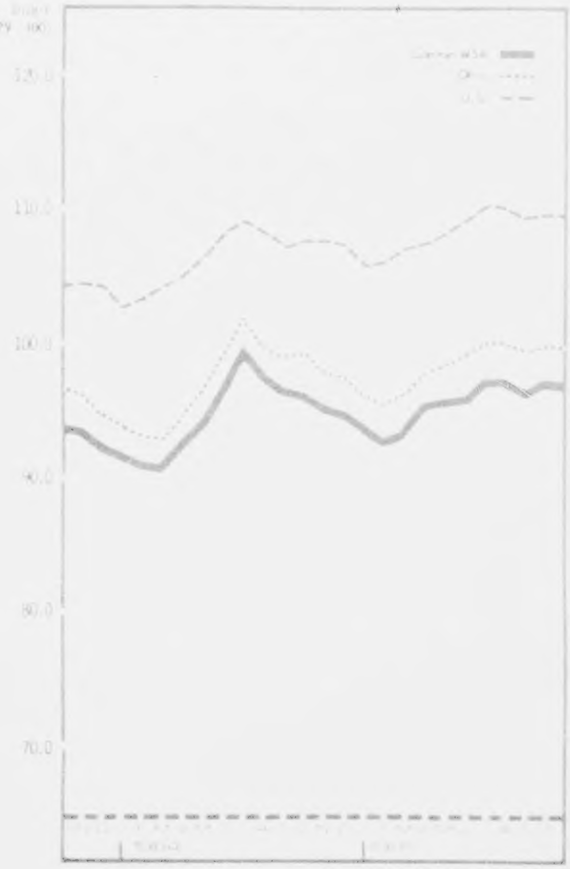
Activity	December 1985	November 1985	December 1984
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	2,064
Last Payments	[illegible]	[illegible]	474
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$1,[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

CANTON
METROPOLITAN STATISTICAL AREA

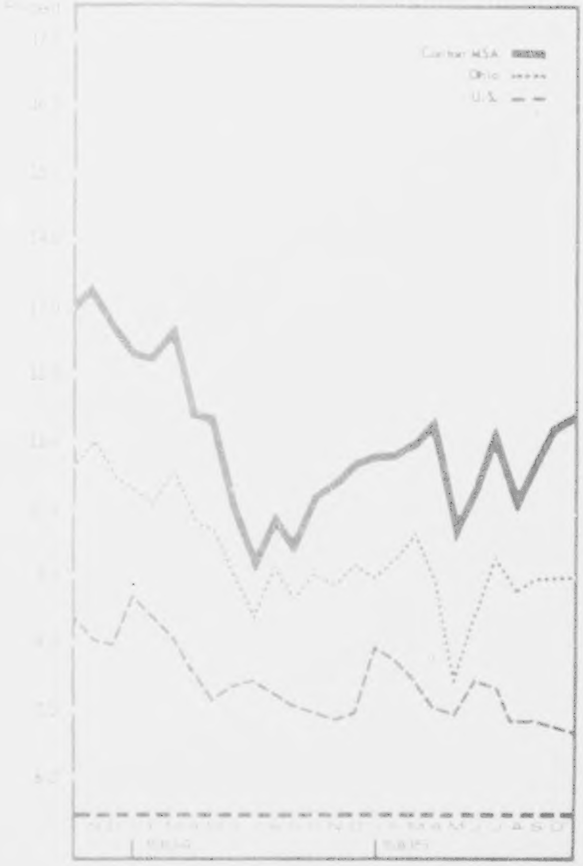


Nonfarm payroll establishments in Canton employed 155,400 in December, up 200 from November. Most component industries were unchanged in employment, although holiday shopping raised retail trade and cold weather lowered construction. Manufacturing employment was slightly lower at 45,800. Production workers in manufacturing worked an average of 40.2 hours per week in December, up 1.0 hours from November. They earned $11.16 per hour, up 8c.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



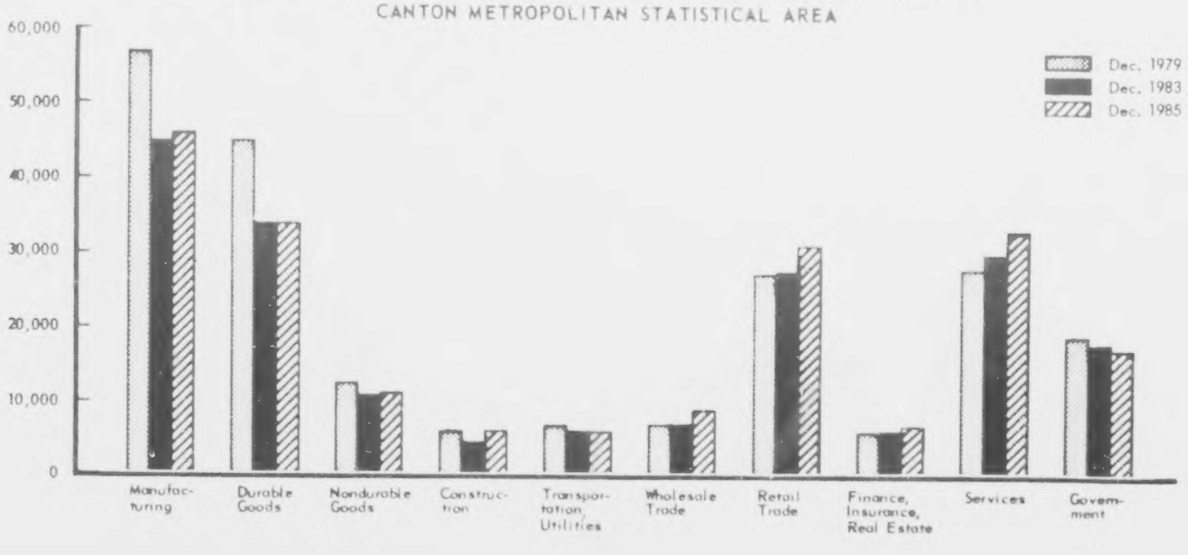
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
175.6	167.5	[illegible]	4.6	1974	152.1	62.2	46.9	$210.12	40.1	$ 5.24
174.7	[illegible]	[illegible]	[illegible]	1975	145.0	55.3	40.5	222.22	39.4	5.64
174.4	[illegible]	[illegible]	[illegible]	1976	145.9	54.6	40.4	244.73	39.6	6.18
175.2	163.1	[illegible]	7.3	1977	149.8	[illegible]	41.1	273.14	39.7	6.88
[illegible]	[illegible]	[illegible]	[illegible]	1978	156.1	[illegible]	[illegible]	304.67	40.3	7.56
184.3	[illegible]	[illegible]	[illegible]	1979	160.8	[illegible]	[illegible]	330.88	40.9	8.09
[illegible]	[illegible]	[illegible]	[illegible]	1980	[illegible]	[illegible]	[illegible]	342.81	39.0	8.79
[illegible]	[illegible]	[illegible]	[illegible]	1981	150.6	54.9	[illegible]	390.40	40.0	9.76
[illegible]	[illegible]	[illegible]	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
[illegible]	[illegible]	[illegible]	14.2	1983	143.4	43.5	[illegible]	422.14	39.6	10.66
[illegible]	[illegible]	[illegible]	[illegible]	1984	[illegible]	[illegible]	33.5	437.53	40.4	10.83
				1984						
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	40.6	10.83
[illegible]	[illegible]	[illegible]	[illegible]	December	150.5	[illegible]	34.1	[illegible]	39.9	10.82
				1985						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	46.3	34.1	434.68	40.1	10.84
[illegible]	[illegible]	[illegible]	[illegible]	February	147.4	46.1	34.0	[illegible]	39.5	10.89
[illegible]	[illegible]	[illegible]	[illegible]	March	149.5	46.3	34.1	[illegible]	40.0	10.89
[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	46.3	34.1	[illegible]	39.4	10.84
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	46.3	34.1	435.31	39.9	10.91
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	46.1	34.3	[illegible]	[illegible]	10.95
[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	46.3	[illegible]	431.34	[illegible]	10.92
[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]	39.4	10.98
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]	40.1	10.97
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]	40.1	11.03
[illegible]	[illegible]	[illegible]	[illegible]	November	155.3	[illegible]	[illegible]	443.91	[illegible]	11.07
INA	INA	INA	INA	December	155.4	[illegible]	[illegible]	[illegible]	[illegible]	11.16

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA

[illegible]

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

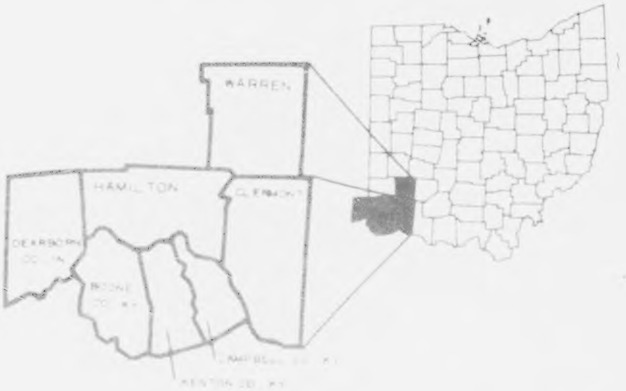
Industry	Average Weekly Earnings[d]			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$448.[illegible]	$443.[illegible]	$431.72	40.2	40.1	39.9	$11.16	$11.07	$10.82
Durable Goods[e]	466.47	461.50	443.12	40.3	40.2	39.6	11.58	11.48	11.19
Primary metal industries	467.02	464.36	442.49	38.0	38.0	36.6	12.29	12.22	12.09
Fabricated metal products	514.[illegible]	500.15	529.48	42.8	42.1	43.4	12.01	11.88	12.20
Metal forgings and stampings	710.[illegible]	684.36	629.41	44.6	43.8	43.8	15.92	15.62	14.37
Nondurable Goods[f]	392.22	390.00	393.98	39.9	40.0	40.7	9.83	9.75	9.68
Food and kindred products	415.88	406.[illegible]	404.06	40.1	39.7	41.4	10.37	10.25	9.76
Rubber and misc. plastics products	457.54	458.24	466.67	43.7	43.6	44.7	10.47	10.51	10.44
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	525.71	524.[illegible]	505.45	41.2	41.2	41.5	12.76	12.74	12.17
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	36.[illegible]	36.4	36.0	9.57	9.32	8.76
RETAIL TRADE[h]	160.97	158.22	162.64	29.7	29.3	30.4	5.42	5.40	5.35

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products, paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

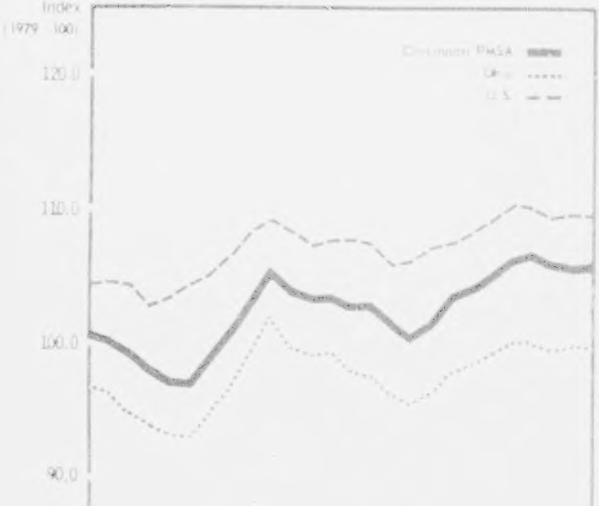
Activity	December 1985	November 1985	December 1984
Employment Service Program			
New Applicants	1,676	1,747	1,317
Active File of Job Seekers	19,670	[illegible]	24,426
Referrals to Jobs	841	1,[illegible]	[illegible]
Placements	500	550	[illegible]
Job Openings Received	407	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	5,384	4,237	[illegible]
Continued Claims	41,464	[illegible]	24,[illegible]
First Payments	1,[illegible]	1,[illegible]	1,556
Last Payments	298	298	251
Weeks Compensated	21,4[illegible]	[illegible]	18,462
Benefits Paid	$3,[illegible]	$2,[illegible]	$2,[illegible]
Average Weekly Payment	$15[illegible]	$1[illegible]	$146.[illegible]

CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA

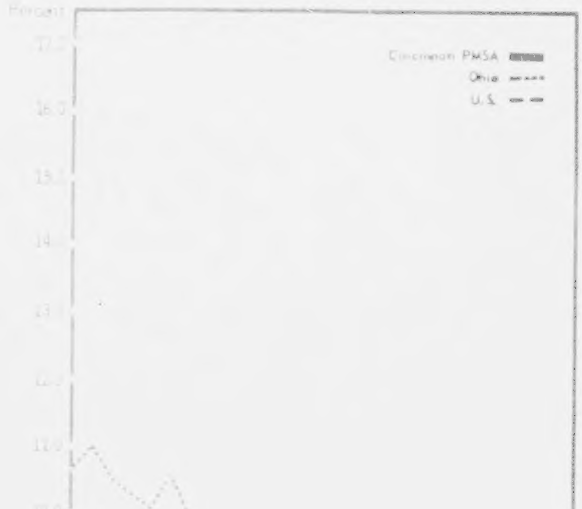

WARREN
HAMILTON
CLERMONT
DEARBORN CO., IN.
BOONE CO., KY.
CAMPBELL CO., KY.
KENTON CO., KY.

Cincinnati's nonagricultural wage and salary employment in December, at 642,700, was up 1,900 from November. Retail trade and services had increased employment, while construction employment declined. Gains in durable-goods employment were cancelled out by losses in nondurable-goods employment, leaving manufacturing unchanged at 149,000. Manufacturing production workers averaged $10.75 per hour for a workweek of 42.4 hours, up 9¢ and .2 hours, respectively, from November.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	$ [illegible]	[illegible]	$ [illegible]
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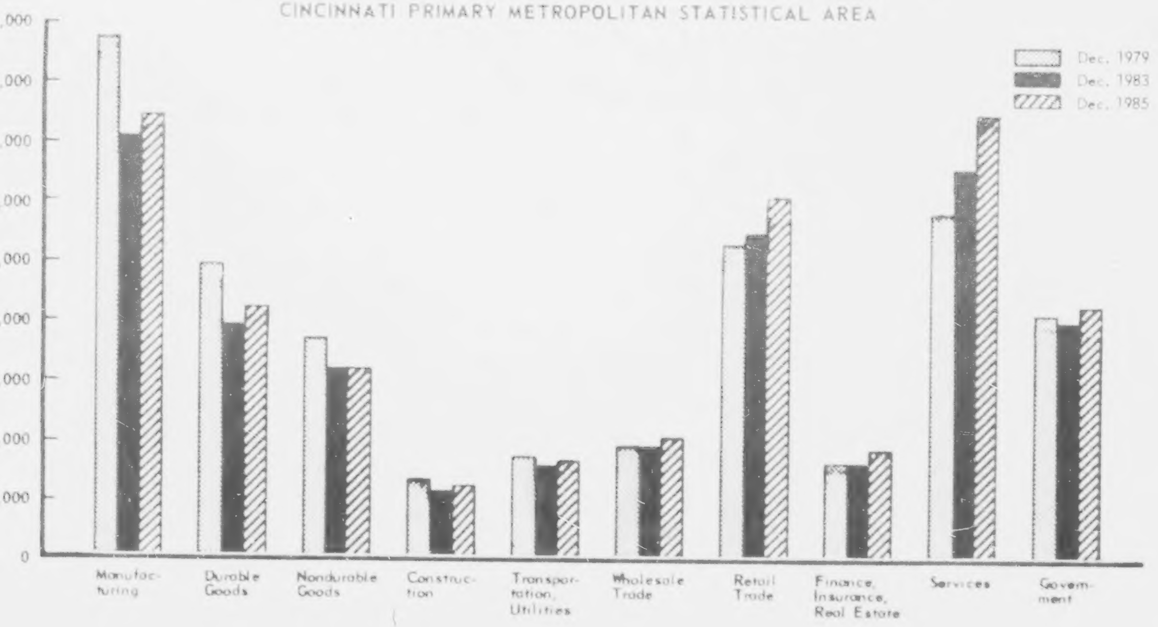
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[b] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable goods[1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable goods[1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Commercial printing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trucking and warehousing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas, sanitary services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade-durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Insurance carriers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hotels and other lodging places	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Personal services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amusement and recreation services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Federal government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government education[1]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$[illegible]	$[illegible]	$465.04	42.4	42.2	42.9	$10.78	$10.69	$10.84
Durable Goods[e]	[illegible]	455.80	[illegible]	42.4	42.4	43.0	10.82	10.75	10.96
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.41	9.53	[illegible]
Fabricated structural metal products	[illegible]	[illegible]	405.45	[illegible]	[illegible]	42.5	9.80	9.88	9.54
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.91	9.85	9.90
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.88	10.75	10.90
General industrial machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.41	[illegible]	9.00
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.7	9.17	9.15	9.42
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	44.4	[illegible]	14.53	14.31	14.95
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.42
Beverages	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.41	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.10	10.78
Commercial printing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.94	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.4	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.25
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	40.6	40.6	40.5	[illegible]	9.24	9.04
RETAIL TRADE[h]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.46	5.42	5.35
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	.....	.....	.....

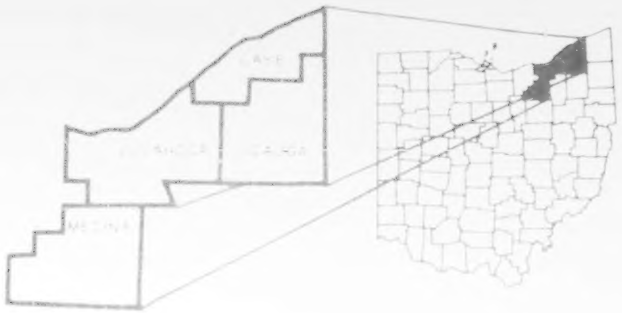
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products, primary metal industries, instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

Activity	December 1985	November 1985	December 1984
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	2,276	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

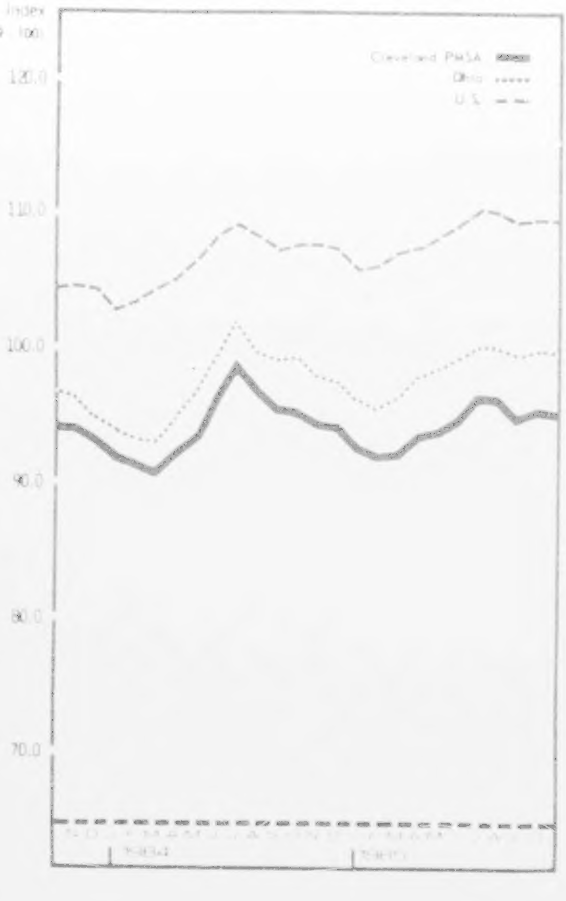
[a]Ohio data only.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

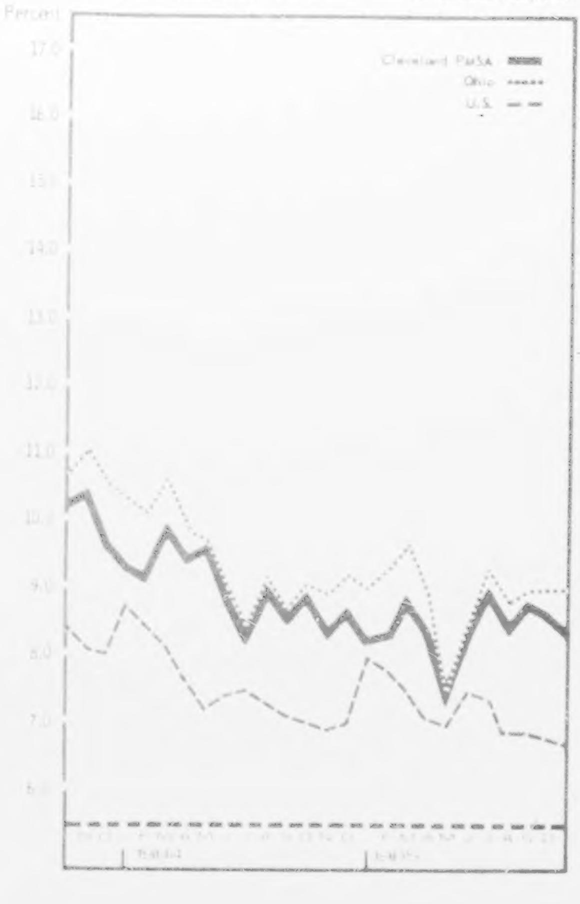


Nonagricultural payroll employment in Cleveland rose 600 from November to 874,000 in December. Increases in retail trade employment were offset by losses in construction and local government. Scattered declines throughout durable-goods industries lowered manufacturing employment 300, to 207,900. Factory production workers increased their average hourly earnings to $11.37, up 11¢. Their workweek of 42.1 hours was .6 hours above the November value.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

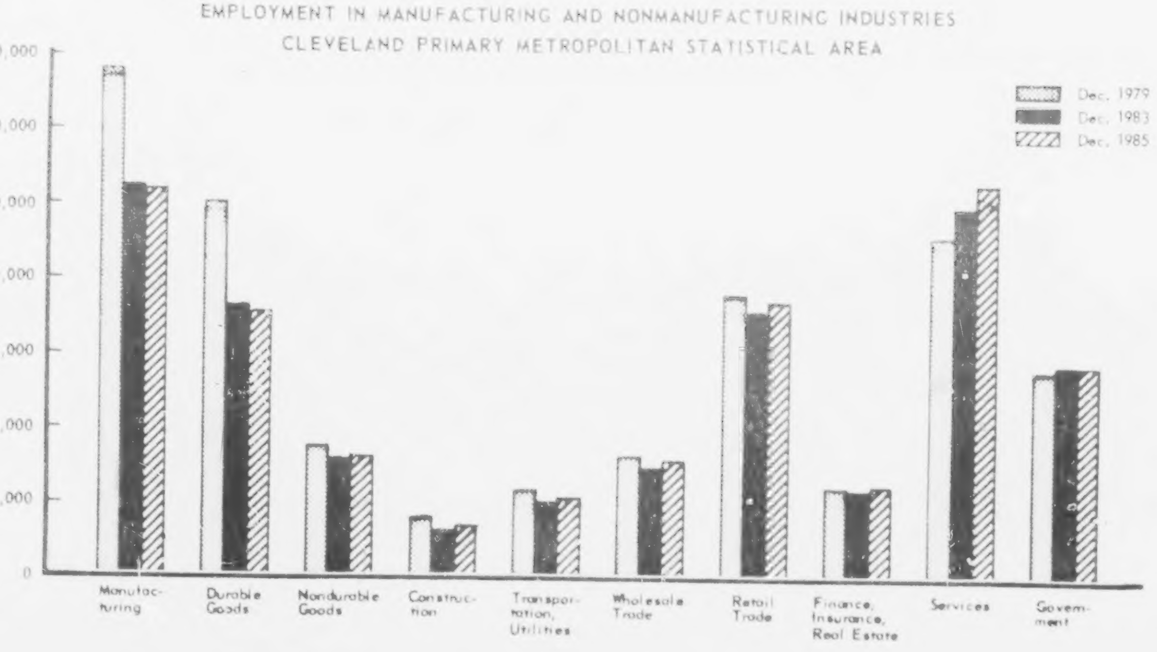


Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	$[illegible]	[illegible]	$ [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.20
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.13
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.18
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
*NA	*NA	*NA	*NA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*NA Information not available



EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA

[illegible] WAGE AND SALARY EMPLOYMENT IN [illegible] METROPOLITAN AREA[a]

[illegible]	Employment (in thousands)			Change[b] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	.6	16.[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	– .[illegible]	– [illegible]

HOURS AND EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December [illegible]	November [illegible]	December [illegible]	Dec. [illegible]	Nov. [illegible]	Dec. [illegible]	Dec. [illegible]	Nov. [illegible]	Dec. [illegible]
MANUFACTURING	$[illegible]	$[illegible].54	$[illegible]	[illegible]	[illegible]	[illegible]	$[illegible]	$[illegible]	$11.11
Durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.8[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnaces and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Iron and steel foundries	440.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.40	10.40	10.37
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.49	11.48	11.77
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Screw machine products, bolts, etc.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.24
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.[illegible]	14.0[illegible]	14.04
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.11
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.77
[illegible]	[illegible]	415.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.4	[illegible]	[illegible]	10.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.40
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.[illegible]	14.00
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.74
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable goods	[illegible]	[illegible]	[illegible].18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.4[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and miscellaneous plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.40
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas, and sanitary [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	.....	.....	.....

[a]See footnote [illegible] [illegible]. [b]Preliminary. [c]Revised. [d]Based on [illegible] reports. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [illegible] [h]Money payments only, tips not included. [illegible] Excludes the agricultural extension service, and the Ohio Department of Education. [illegible]

Selected Administrative Program Activities

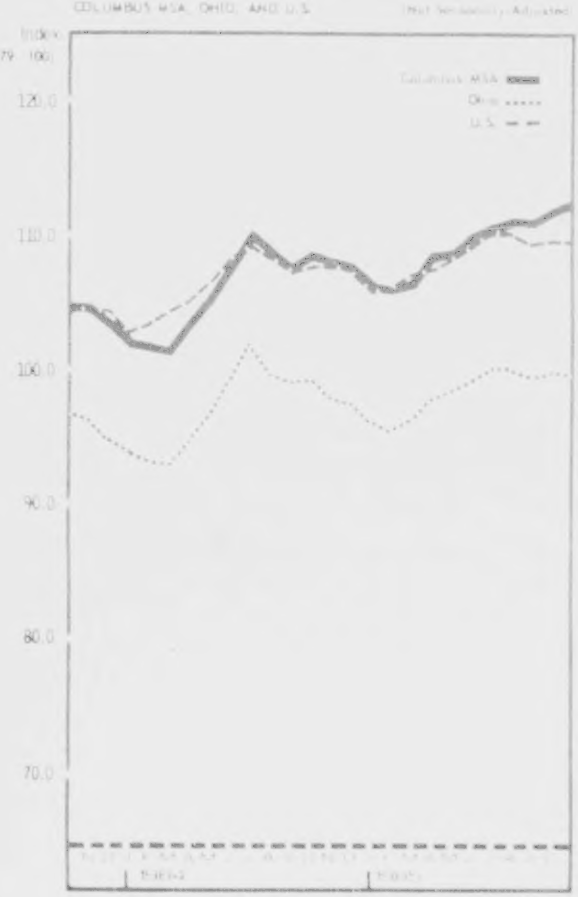
Activity	December [illegible]	November [illegible]	December [illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

COLUMBUS
METROPOLITAN STATISTICAL AREA

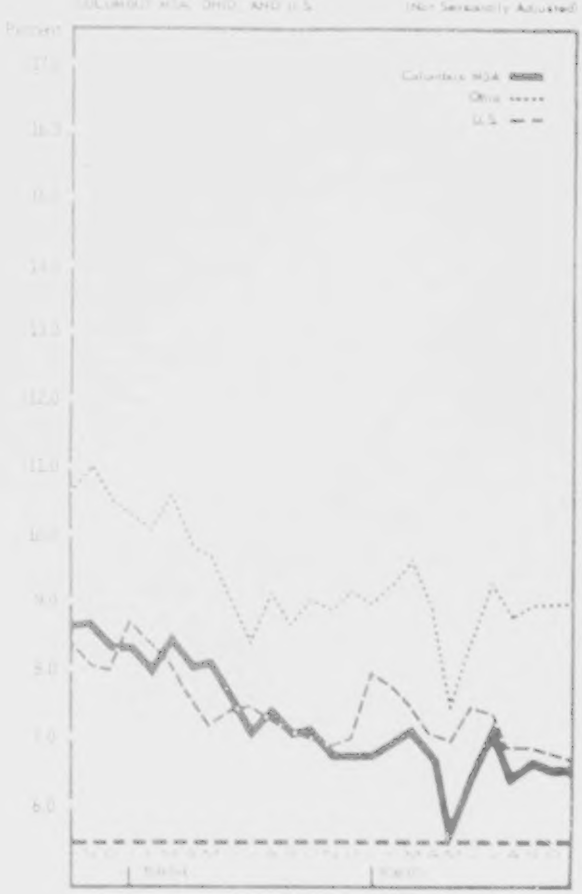
UNION
DELAWARE
FRANKLIN
LICKING
MADISON
FAIRFIELD
PICKAWAY

Nonfarm wage and salary employment in Columbus, at 623,900 in December, was 2,500 above the November level. Increases in retail trade and government were tempered by declines in construction and services. Despite large cutbacks in stone, clay, and glass products, manufacturing employment only dropped 100 in December to 105,200. Manufacturing production workers earned $11.08 per hour in December, up 15¢ from November. Their average workweek of 42.0 hours was up .3 hours.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

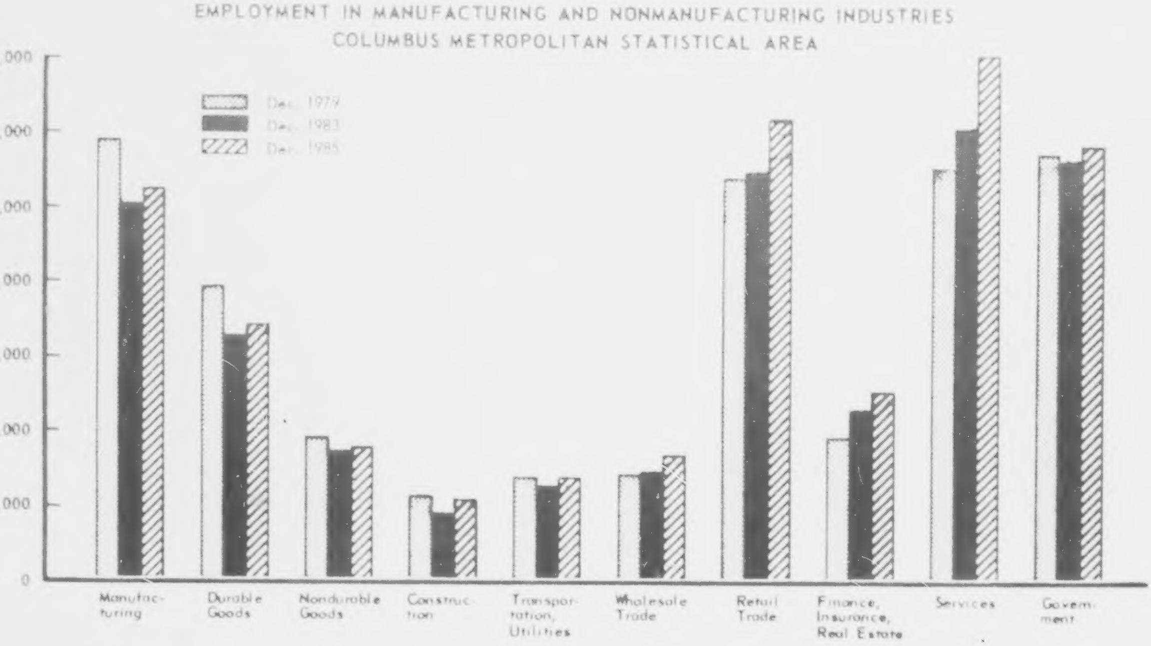


Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INA	INA	INA	INA	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INA - information not available



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	- .1	- .8
Durable goods	[illegible]	[illegible]	[illegible]	- .1	- [illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	- [illegible]	- 1.[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]	- 1.[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable goods	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
Printing and publishing	[illegible]	[illegible]	.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- .1
[illegible]	[illegible]	[illegible]	.1	[illegible]	[illegible]
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	- 1.[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trucking and warehousing	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]
Communication, [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise [illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1
Insurance carriers	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	- [illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	.1	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Federal government	[illegible]	[illegible]	[illegible]	.1	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]
State government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	.1	[illegible]
Local government	[illegible]	[illegible]	[illegible]	[illegible]	1.[illegible]
Local government education	[illegible]	[illegible]	[illegible]	.1	[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	.1	[illegible]

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

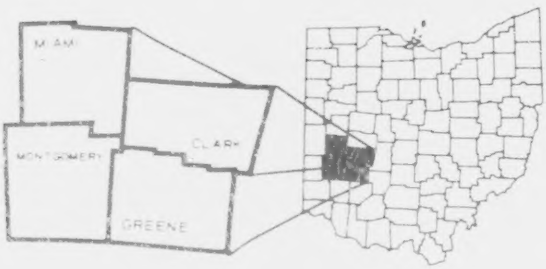
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$[illegible]	$[illegible]	$[illegible].44	[illegible]	[illegible]	41.7	$11.06	$[illegible]	$10.71
Durable Goods[e]	[illegible]	[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	40.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Glass and glassware, pressed or blown	[illegible]	441.18	[illegible]	[illegible]	[illegible]	[illegible]	11.29	11.14	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.4	[illegible]	12.21	[illegible]
Fabricated structural metal products	[illegible]	434.4	[illegible]	[illegible]	40.4	[illegible]	[illegible]	10.01	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.01
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.14
Transportation equipment	[illegible]	[illegible]	[illegible]	44.[illegible]	44.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.81
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.4	[illegible]	[illegible]	[illegible]
Chemicals and allied products	[illegible]	[illegible]	[illegible]	41.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	40.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE[h]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

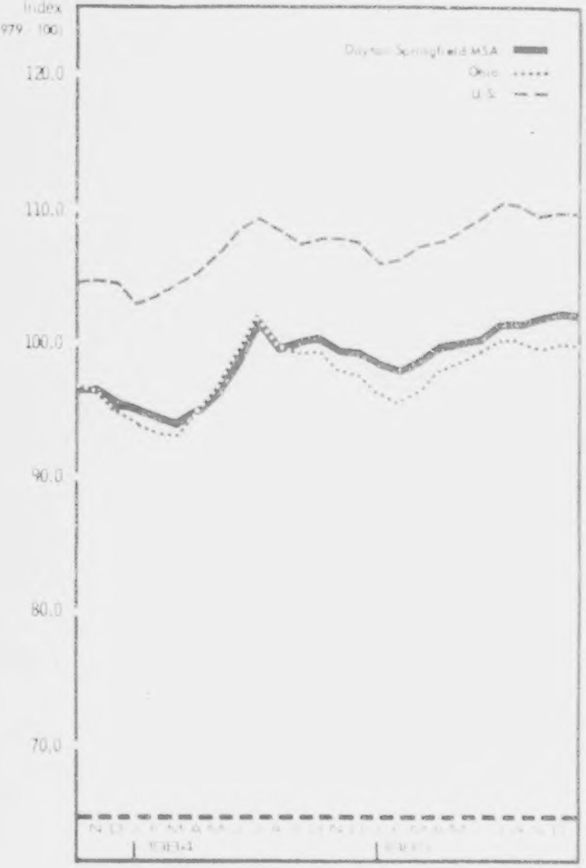
Activity	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	44,[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA

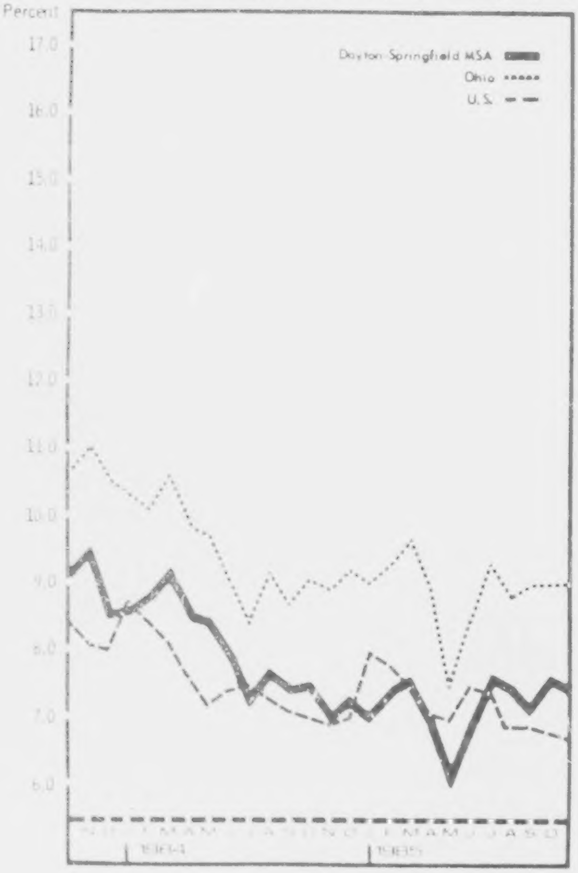


December nonagricultural wage and salary employment in the Dayton-Springfield area totaled 416,800, up 600 from November. Retail trade rose seasonally, while construction and educational services suffered seasonal losses. Manufacturing employment, at 105,500, was unchanged from November. Production workers in factories grossed $12.25 per hour in December, up 19¢ from November. They had an average workweek of 44.2 hours, up 1.1 hours.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



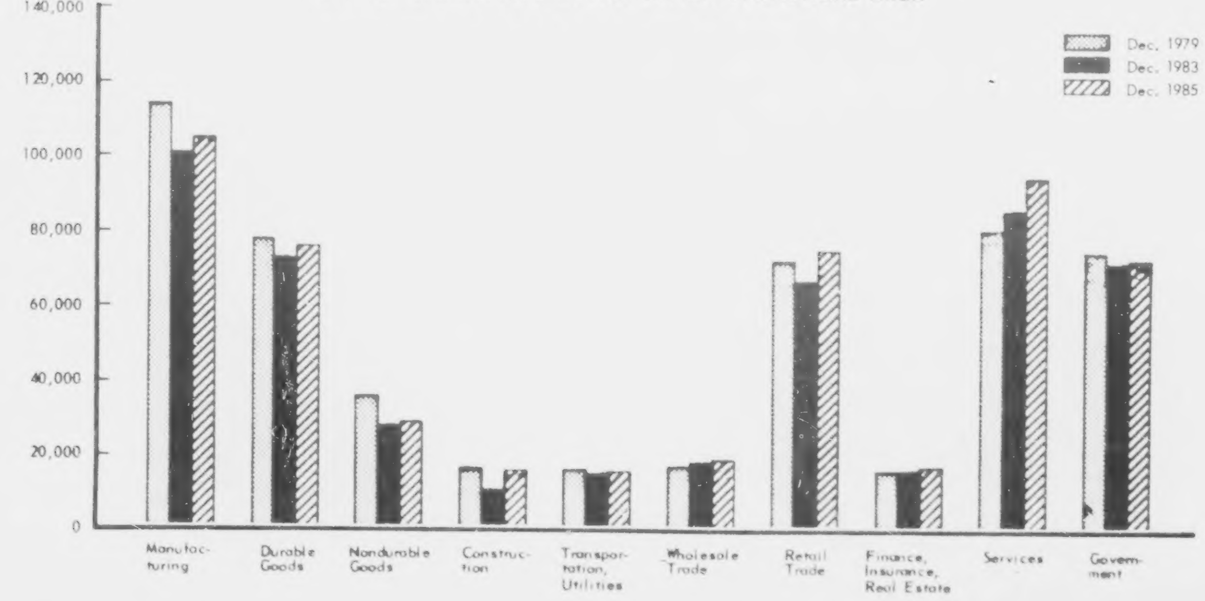
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1974	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	1975	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				1984						
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.41
[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.74
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.75
[illegible]	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.84
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.15
[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12.10
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INA	INA	INA	INA	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



[illegible] EMPLOYMENT IN DAYTON–SPRINGFIELD METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[b] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	14.4
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas, sanitary	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Credit agencies other than banks	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Insurance carriers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Educational services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Federal government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA[a]

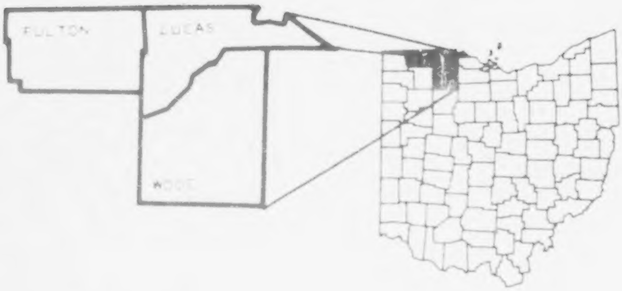
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$541.45	$519.79	$517.73	44.2	43.1	44.1	$12.25	$12.06	$11.74
Durable Goods[e]	557.50	530.50	531.04	44.6	43.2	44.7	12.50	12.28	11.88
Fabricated metal products	385.06	366.21	346.92	41.9	40.6	42.0	9.19	9.02	8.26
Machinery, except electrical	576.00	563.60	562.25	45.0	44.1	46.2	12.80	12.78	12.17
Metalworking machinery	572.62	545.69	565.59	48.2	46.6	48.8	11.88	11.71	11.59
General industrial machinery	436.81	422.69	430.95	41.8	40.8	42.5	10.45	10.36	10.14
Electric and electronic equipment	380.64	384.30	351.12	41.6	42.0	41.9	9.15	9.15	8.38
Electrical industrial apparatus	435.31	435.31	403.55	43.1	43.1	44.2	10.10	10.10	9.13
Transportation equipment	706.57	652.10	668.29	46.7	44.3	45.4	15.13	14.72	14.72
Nondurable Goods[f]	497.66	487.21	484.65	43.2	42.7	42.7	11.52	11.41	11.35
Food and kindred products	381.50	380.62	406.08	43.6	43.4	43.2	8.75	8.77	9.40
Paper and allied products	463.13	450.10	423.04	45.9	45.1	43.3	10.09	9.98	9.77
Printing and publishing	437.00	425.86	417.44	40.5	39.8	40.1	10.79	10.70	10.41
Rubber and misc. plastics products	637.43	624.66	630.40	43.9	43.5	43.9	14.52	14.36	14.36
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services ..	551.86	547.24	506.73	41.0	40.9	39.9	13.46	13.38	12.70
WHOLESALE TRADE	385.22	384.87	384.51	41.2	40.9	42.3	9.35	9.41	9.09
RETAIL TRADE[h]	163.18	157.10	160.19	30.5	29.2	29.5	5.35	5.38	5.43

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

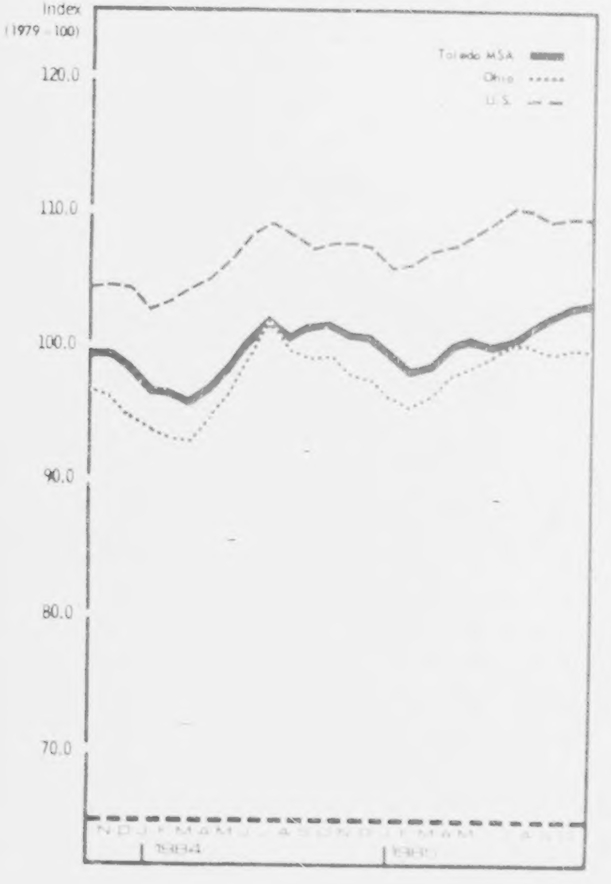
Selected Administrative Program Activities

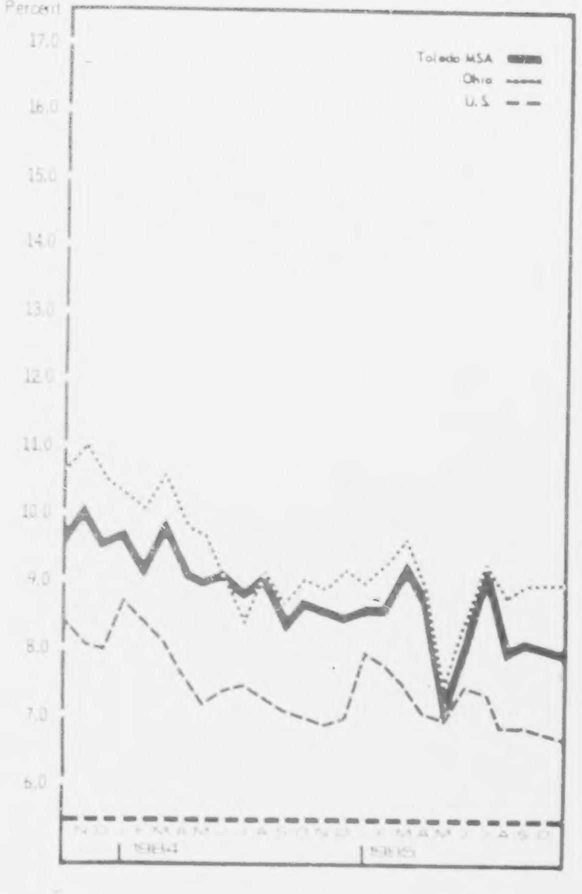
Activity	December 1985	November 1985	December 1984
Employment Service Program			
New Applicants	3,349	3,553	3,385
Active File of Job Seekers	[illegible]	30,611	35,629
Referrals to Jobs	[illegible]	[illegible]	2,204
Placements	312	472	207
Job Openings Received	[illegible]	1,240	535
Job Openings Unfilled	[illegible]	[illegible]	1,161
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	30,949
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	466	440	[illegible]
Weeks Compensated	26,066	22,753	23,947
Benefits Paid	$3,610,514	$3,160,782	$3,107,915
Average Weekly Payment	$141.65	$141.66	$132.61

TOLEDO
METROPOLITAN STATISTICAL AREA



Nonagricultural establishments in Toledo employed 272,300 in December, an increase of 800 from November. All of the increase occurred in nonmanufacturing industries, as manufacturing was unchanged at 65,800. Gains were seen in retail trade and local schools, but construction employment was down. The average hourly earnings of manufacturing production workers rose 6¢ from November, to $12.54. The average workweek, at 43.4 hours, was up .5 hours.


INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)


UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)

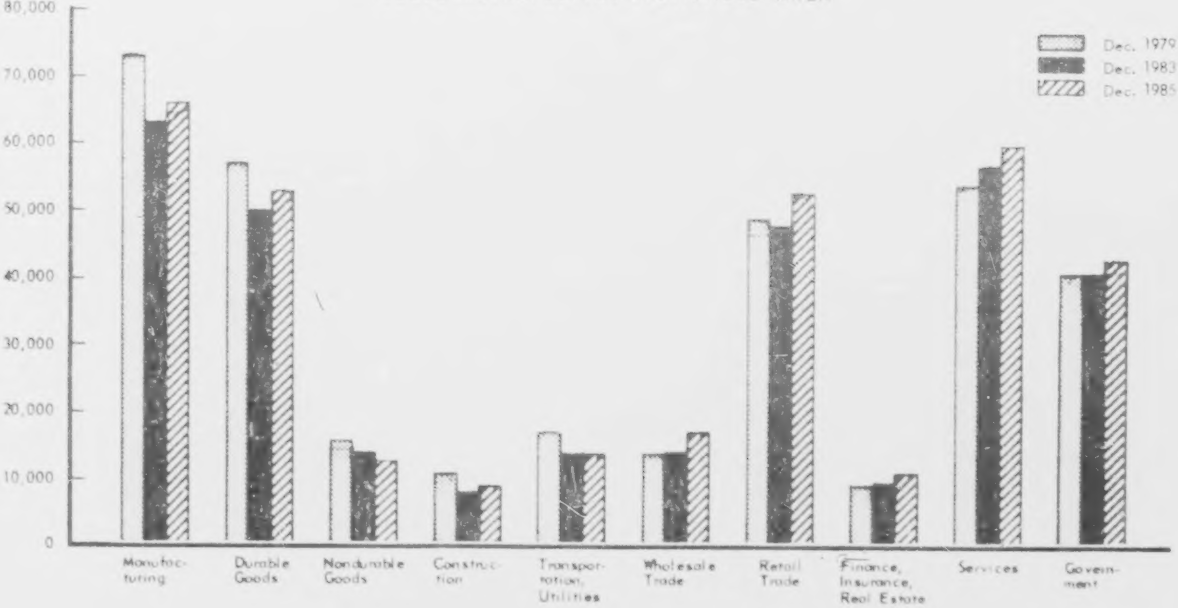
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
INA	INA	INA	INA	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	INA	INA	INA	INA
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	$11,03
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,87
[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	[illegible]	[illegible]	43,4	12,20
[illegible]	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,23
[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,16
[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,12
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,16
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,18
[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,26
[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,33
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,46
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,48
INA	INA	INA	INA	December	[illegible]	[illegible]	[illegible]	[illegible]	43,1	12,58

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	December [illegible]	November [illegible]	December [illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	9.7
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	.6
Durable Goods	[illegible]	[illegible]	51.4	- .1	1.3
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	.0	.1
Primary metal industries	[illegible]	[illegible]	[illegible]	- .1	- .1
Fabricated metal products	[illegible]	[illegible]	[illegible]	.1	- .3
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	.1	.0
Machinery, except electrical	[illegible]	[illegible]	[illegible]	.1	- .2
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	- .4
Transportation equipment	[illegible]	[illegible]	[illegible]	.1	2.1
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	.1	2.2
Nondurable Goods	[illegible]	[illegible]	[illegible]	.1	- .6
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	.0
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	.0	- .2
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	9.1
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	.0	- .3
Trucking and warehousing	[illegible]	[illegible]	[illegible]	.0	.0
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	.0
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade-durable goods	[illegible]	[illegible]	[illegible]	[illegible]	.6
RETAIL TRADE	[illegible]	[illegible]	[illegible]	1.4	2.9
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	.3
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	3.0
Business services	[illegible]	[illegible]	[illegible]	[illegible]	1.4
Health services	[illegible]	[illegible]	[illegible]	[illegible]	.3
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	1.0
State government	[illegible]	[illegible]	[illegible]	[illegible]	.4
State government-education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	[illegible]	- .1
Local government	[illegible]	[illegible]	[illegible]	[illegible]	.3
Local government education	[illegible]	[illegible]	[illegible]	.2	.3
Local government, except education	[illegible]	[illegible]	[illegible]	.0	.1

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

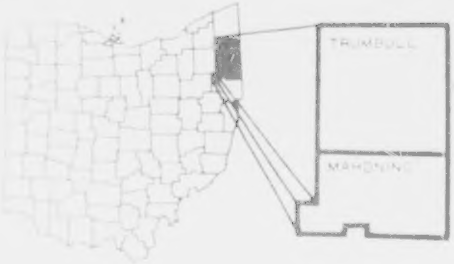
Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1985[b]	November 1985[c]	December 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]	Dec. 1985[b]	Nov. 1985[c]	Dec. 1984[c]
MANUFACTURING	$544.24	$[illegible]	$[illegible]	43.4	43.9	44.2	$12.54	$12.48	$12.06
Durable Goods[e]	[illegible]	[illegible]	[illegible]	43.8	43.3	44.6	12.94	12.89	12.56
Stone, clay, and glass products	[illegible]	[illegible]	[illegible]	44.[illegible]	44.5	41.9	12.83	12.82	11.90
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	44.4	40.3	11.30	11.23	10.70
Fabricated metal products	[illegible]	[illegible]	[illegible]	42.7	42.8	43.0	11.78	11.65	11.28
Metal forgings and stampings	[illegible]	[illegible]	[illegible]	[illegible]	44.4	43.9	13.62	13.43	12.82
Machinery, except electrical	[illegible]	[illegible]	[illegible]	40.4	41.[illegible]	41.6	10.90	10.81	10.63
Electric and electronic equipment	[illegible]	[illegible]	526.44	42.8	42.1	43.4	12.56	12.31	12.13
Transportation equipment	[illegible]	[illegible]	[illegible]	43.8	43.7	46.[illegible]	14.8[illegible]	14.88	14.88
Motor vehicles and equipment	[illegible]	[illegible]	[illegible]	[illegible]	43.6	47.0	14.9[illegible]	14.94	14.95
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	[illegible]	41.0	42.4	10.75	10.60	10.01
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.6	10.99	11.02	10.67
Rubber and misc. plastics products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.2	8.03	8.09	7.89
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	......	......	......
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.80	13.67	13.16
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.07	9.20	8.20
RETAIL TRADE[h]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.0	5.33	5.31	5.58

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes state universities. Excludes hospitals, the agricultural extension service, [illegible], and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

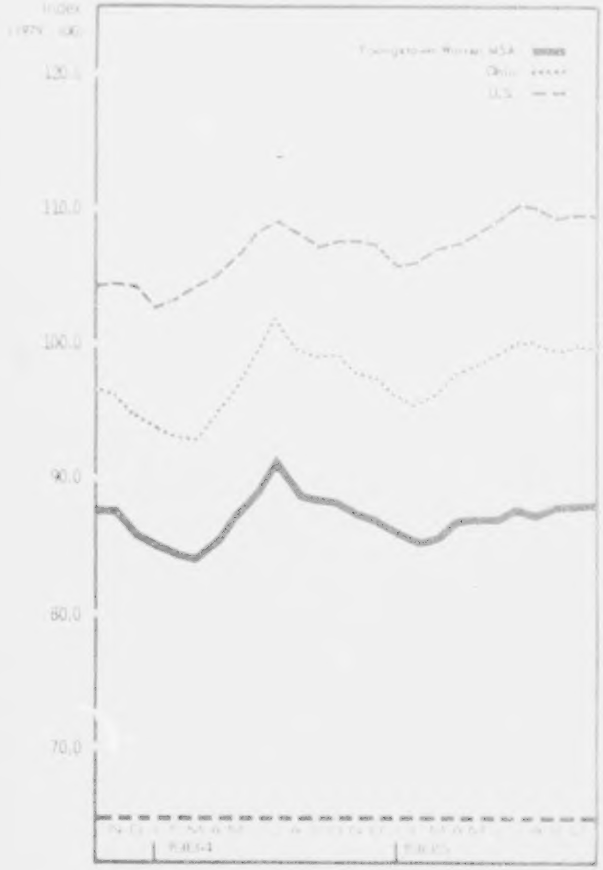
Activity	December 1985	November 1985	December 1984
Employment Service Program			
New Applicants	[illegible]	[illegible]	2,743
Active File of Job Seekers	[illegible]	[illegible]	35,950
Referrals to Jobs	[illegible]	[illegible]	1,619
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	992
Job Openings Unfilled	[illegible]	[illegible]	891
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	26,301
First Payments	[illegible]	[illegible]	1,587
Last Payments	[illegible]	264	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]

YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA

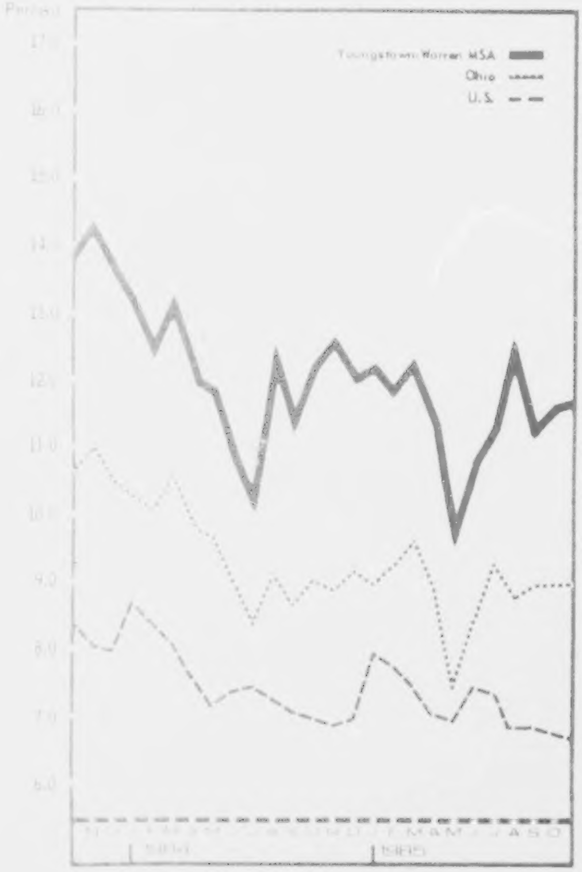


Nonfarm payroll employment in the Youngstown-Warren area rose 900 from November, to 188,200 in December. Nonmanufacturing employment rose just 300 due chiefly to seasonal increases in retail trade and offsetting declines in construction. Gains in primary metal industries helped raise manufacturing employment 600 to 53,600. Factory production workers averaged $13.73 per hour in December, up 31¢ from November. The average workweek dropped .2 hours to 44.3 hours.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



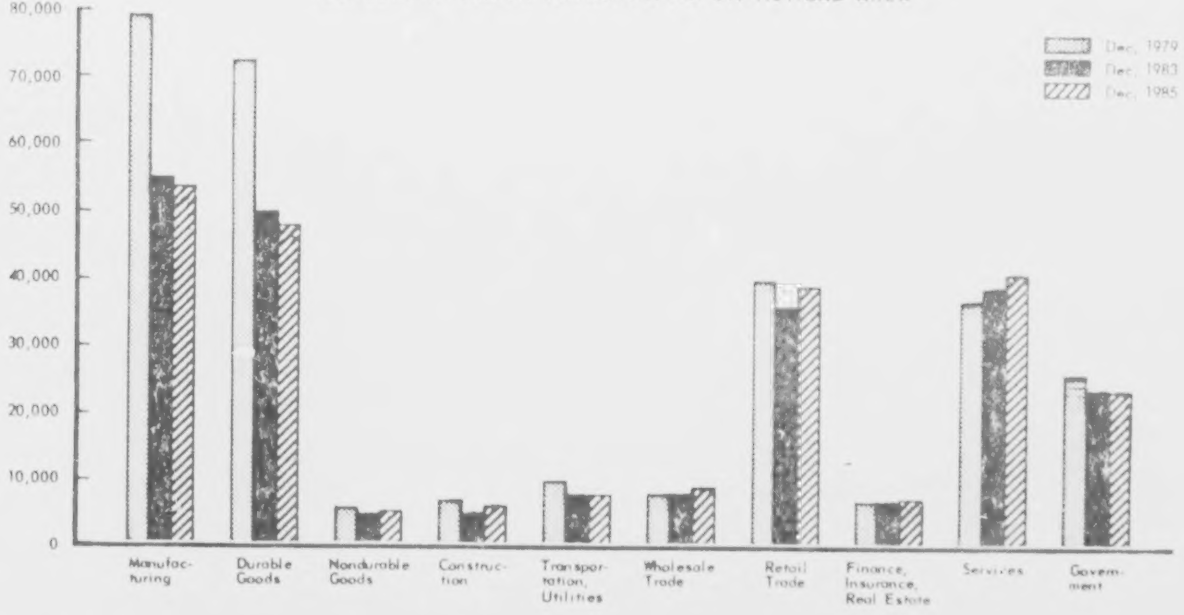
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
[illegible]	[illegible]	19,0	[illegible]	1974	[illegible]	[illegible]	[illegible]	$ [illegible]	[illegible]	$ [illegible]
[illegible]	[illegible]	[illegible]	11,4	1975	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1976	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1978	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1980	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1981	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1982	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1983	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1984	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				1984						
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	54,4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
				1985						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13,30
[illegible]	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13,31
[illegible]	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13,10
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
INA	INA	INA	INA	December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Employment (in thousands)			Change[d] (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DURABLE GOODS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NONDURABLE GOODS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade—durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government, except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December [illegible]	November [illegible]	December [illegible]	Dec. [illegible]	Nov. [illegible]	Dec. [illegible]	Dec. [illegible]	Nov. [illegible]	Dec. [illegible]
MANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Durable Goods[e]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Primary metal industries	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Blast furnace and basic steel products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fabricated metal products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.4	[illegible]	[illegible]	[illegible]
Machinery, except electrical	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods[f]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services ...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE[g]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products, tobacco manufactures; textile mill products; apparel and other textile products, paper and allied products, printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Decreased due to labor-management disputes.

Selected Administrative Program Activities

Activity	[illegible]	[illegible]	[illegible]
Employment Service Program			
New Applicants	[illegible]	[illegible]	[illegible]
Active File of Job Seekers	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	441	[illegible]
Unemployment Insurance Program			
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	[illegible]	[illegible]	[illegible]
Average Weekly Payment	[illegible]	[illegible]	[illegible]

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,500 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	54
Manufacturing	61
Nonmanufacturing	37
Mining	53
Construction	26
Transportation and Public Utilities	36
Wholesale Trade	27
Retail Trade	24
Finance, Insurance, and Real Estate	43
Services and Miscellaneous	29
Government	70

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1984 benchmark.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

– Selected Employment Service Activities

Activity	[illegible]	[illegible]	[illegible]
New Applicants	[illegible]	[illegible]	[illegible]
Active File at End of Period	[illegible]	[illegible]	[illegible]
Counseling Interviews	[illegible]	[illegible]	[illegible]
Tests Administered	[illegible]	[illegible]	[illegible]
General Aptitude Tests	[illegible]	[illegible]	[illegible]
Proficiency Tests	[illegible]	[illegible]	[illegible]
Specific Aptitude Tests	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]

Selected Unemployment Insurance Activities

Activity	[illegible]	[illegible]	[illegible]
Initial Claims	[illegible]	[illegible]	[illegible]
Continued Claims	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
Average Weekly Claimants	[illegible]	[illegible]	[illegible]
Average Weekly Benefit Recipients	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	$[illegible]	$[illegible]	$[illegible]
Average Weekly Payment	$[illegible]	$[illegible]	$[illegible]
Continued Claims for Survey Week	[illegible]	[illegible]	[illegible]
Insured Unemployment Rate	[illegible]	[illegible]	[illegible]
Net Contributions	$[illegible]	$[illegible]	$[illegible]
Active Employer Accounts	[illegible]	[illegible]	[illegible]

Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

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Ohio
Labor
Market
Information

Labor Market Review

January 1986

Summary. Ohio's seasonally adjusted unemployment rate was 9.0 percent in January, up from 8.4 percent in December. The national rate dropped from 6.9 percent in December, to 6.7 percent in January. Total employment in Ohio rose by 9,000 workers, to 4,758,000, according to the monthly household survey. Ohio's civilian labor force reached an all-time high in January of 5,226,000, up 40,000 over the month. The number of unemployed increased by 31,000 to 468,000. Nonagricultural wage and salary employment was 4,474,000 (seasonally adjusted) as measured by the monthly survey of employers. This represents a gain of 26,000 jobs or .6 percent from December. (See page 5).

Factory Employment. Ohio's manufacturing employment rose by 4,000 or .3 percent from December, to 1,129,000 (seasonally adjusted) in January. Most of the increase occurred in nondurable-goods industries.

Nonmanufacturing. Seasonally adjusted nonmanufacturing employment in Ohio, at 3,345,000, rose 22,000 or 4.9 percent from December. Retail trade and services had the largest increases, up 10,000 and 8,000 respectively. Only government had lower employment in January.

Over the Year. From January 1985 to January 1986, total employment was up 1.9 percent, as the civilian labor force rose 115,000 to 5,226,000. Ohio's unemployment rate went up from 8.7 percent last January to the current rate of 9.0 percent, but the national rate fell from 7.4 to 6.7 percent during the period. The number of Ohioans unemployed rose over the year by 24,000. Nonagricultural wage and salary employment increased by 3.5 percent or 151,000, boosted by gains in services, retail trade, and government. Manufacturing employment fell 5,000 over the year, due to losses in durable-goods industries.

Factory Hours and Earnings. Manufacturing production workers had average weekly earnings of $487.83 in January, down $12.69 from December. The average workweek of 42.2 hours was .8 hours shorter. Reduced overtime lowered earnings in nearly every manufacturing industry, but especially in motor vehicles and equipment, metal forgings and stampings, and metalworking machinery. (Hours and earnings data are not seasonally adjusted. See pages 14 and 15).

Benefits and Costs. There were 102,502 initial claims filed under the Ohio Unemployment Compensation Law in January 1986, down 2.4 percent from December, and down 12.4 percent from January 1985. Total benefits paid in January were $88.3 million, up 46.2 percent from last month. The average weekly number of benefit recipients was 160,900, up from December's 127,056, but below the 164,654 of last January. The average benefit check was up $.63 from December, at $149.05. There were 190,965 active employer accounts at the end of January. (See page 49).

Ohio Bureau of Employment Services
Richard F. Celeste, Governor   Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services received 52,030 new job applicants in January, up 20.2 percent from December. Employers reported 9,136 new job openings, an increase of 9 percent. The Employment Services Division made 21,256 referrals and 5,186 placements. (See page 49).

ANNOUNCEMENTS

SEASONALLY ADJUSTED DATA SERIES.

New in this issue: Seasonally adjusted series for Civilian Labor Force data and Nonagricultural Wage and Salary employment at the Division level. See pages 3-7.

REVISIONS.

The Civilian Labor Force series has been revised by the U.S. Bureau of Labor Statistics to reflect adjusted population estimates from the Bureau of the Census.

The Nonagricultural Wage and Salary Employment series for 1983, 1984, and 1985 have been revised to the 1985 benchmark, a complete count of employment by industry.

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SEASONAL ADJUSTMENT OF OHIO INDUSTRY EMPLOYMENT DATA

—Daniel Meaney, Statistician

Many economic time series are affected by regular intrayearly seasonal trends such as weather, school attendance, and peak shopping periods. In many industries, the effects of such seasonal patterns can be large enough to distort the short-term movement of the data series. The purpose of the seasonal adjustment process is to isolate and remove these regularly-recurring seasonal effects, making interpretation of underlying economic trends more accurate.

Beginning with this issue of the Labor Market Review, the Ohio Bureau of Employment Services will be publishing seasonally adjusted industry employment data from the Current Employment Statistics Survey and civilian labor force data from the Current Population Survey. In each month's Labor Market Review the previous 25 months of seasonally adjusted data will be reported for Total Nonagricultural Wage and Salary Employment, for the goods producing and service producing subcategories, for Manufacturing, and for the following major industry groupings:

- Mining
- Construction
- Durable Goods Manufacturing
- Nondurable Goods Manufacturing
- Transportation and Public Utilities
- Wholesale Trade
- Retail Trade
- Finance, Insurance, and Real Estate
- Services
- Government

Primarily for reasons of accuracy and consistency, LMI staff has made every effort to follow the methodology and standards which the Bureau of Labor Statistics (BLS) utilizes in the seasonal adjustment of economic time series it publishes, including statewide labor force data for Ohio. Since 1980, BLS has used the "X-II ARIMA" methodology in seasonally adjusting national-level establishment data. The following are some of the major features of seasonal adjustment methodology followed by LMI:

1) The most recent ten full calendar years of unadjusted employment data are used to develop seasonal adjustment models. All series are adjusted using multiplicative models under X-II ARIMA.

2) Seasonal adjustment factors are applied directly only to the ten industry groupings listed above. Seasonally adjusted employment data for Manufacturing, Nonmanufacturing, and Total Nonagricultural Wage and Salary Employment are derived by aggregating the adjusted data from the appropriate subcategories. Seasonally adjusted data for industries below the levels listed above, and for metropolitan areas, are not yet available.

3) Seasonally adjusted estimates are subject to a greater margin of error than the original estimates on which they are based, since the data are subject not only to sampling errors but to uncertainties in the adjustment process as well. Due to this lack of precision, the adjusted data will be rounded to the nearest thousand prior to publication, while unadjusted data are rounded to the nearest hundred.

Each January, seasonal adjustment models are recalculated with the addition of the most recent year's data and the exclusion of the earliest year's data. The adjustment factors for the succeeding twelve months, as well as revised estimates for the seasonally adjusted employment data for the previous five years, result from this reestimation.

The seasonal adjustment factors for the calendar year ahead will be published each year in the January issue of the Review. The estimation and publication of year-ahead factors is consistent with the practice of the Bureau of Labor Statistics in the adjustment of national industry data (see the June 1985 issue of Employment and Earnings).

Seasonally adjusted data are available on request for the published series as far back as 1976. The table below shows the seasonal adjustment factors which will be applied to the major industry groupings during 1986.

1986 Seasonal Adjustment Factors

Month	Manufacturing Durable Goods	Manufacturing Nondurable Goods	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, and Real Estate	Services	Government
January	0.991	0.989	0.977	0.844	0.977	0.989	0.978	0.991	0.975	0.998
February ...	0.990	0.987	0.961	0.819	0.978	0.987	0.959	0.990	0.979	1.017
March	0.998	0.990	0.964	0.859	0.984	0.990	0.968	0.992	0.985	1.021
April	0.999	0.993	0.976	0.940	0.995	0.996	0.988	0.995	1.001	1.019
May	1.003	0.998	0.995	1.003	1.004	1.000	1.003	1.000	1.009	1.022
June	1.008	1.005	1.015	1.053	1.011	1.009	1.008	1.010	1.017	0.998
July	1.002	1.003	1.029	1.096	1.010	1.008	1.008	1.013	1.012	0.947
August	0.999	1.011	1.025	1.115	1.011	1.008	1.010	1.011	1.010	0.936
September ..	1.007	1.017	1.026	1.111	1.010	1.005	1.012	1.005	1.014	0.982
October	1.003	1.005	1.020	1.109	1.009	1.004	1.009	0.998	1.006	1.015
November ...	1.002	1.002	1.014	1.065	1.005	1.002	1.020	0.997	0.999	1.022
December ...	0.997	1.004	1.008	0.987	1.004	1.001	1.037	0.999	0.993	1.024

Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	January 1986	December 1985	January 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,226	5,186	5,111	40	115	0.8	2.3
Employment	4,759	4,749	4,667	9	91	0.2	1.9
Unemployment	468	437	444	31	24	7.1	5.4
Unemployment Rate	9.0	8.4	8.7				
Employer Survey Data[e]							
Total	4,474	4,449	4,323	26	151	0.6	3.5
Manufacturing	1,129	1,126	1,134	4	-5	0.3	-0.4
Durable Goods	772	772	779	1	-6	0.1	-0.8
Nondurable Goods	357	354	355	3	2	0.9	0.5
Nonmanufacturing	3,345	3,323	3,189	22	156	0.7	4.9
Mining	26	26	27	0	-1	0.5	-2.8
Construction	160	158	151	2	8	1.0	5.5
Transportation and Public Utilities	205	204	203	1	2	0.5	1.1
Wholesale Trade	252	251	243	1	9	0.5	3.8
Retail Trade	818	807	770	10	48	1.3	6.4
Finance, Insurance and Real Estate	223	222	215	1	8	0.4	3.8
Services	991	984	927	8	65	0.8	7.0
Government	669	670	654	-1	15	-0.1	2.3
Goods Producing Industries[f]	1,315	1,310	1,312	6	3	0.4	0.2
Service Producing Industries[g]	3,159	3,139	3,011	20	148	0.6	4.9

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1984
5,053	4,556	497	9.8	8.0	January
5,065	4,577	488	9.6	7.8	February
5,015	4,510	505	10.1	7.8	March
5,036	4,536	500	9.9	7.8	April
5,091	4,567	524	10.3	7.5	May
5,087	4,617	470	9.2	7.2	June
5,143	4,711	432	8.4	7.5	July
5,104	4,617	487	9.5	7.5	August
5,126	4,663	463	9.0	7.4	September
5,121	4,648	473	9.2	7.3	October
5,082	4,638	444	8.7	7.1	November
5,124	4,656	468	9.1	7.2	December
					1985
5,111	4,667	444	8.7	7.4	January
5,135	4,678	457	8.9	7.3	February
5,143	4,673	470	9.1	7.3	March
5,148	4,684	464	9.0	7.3	April
5,071	4,659	412	8.1	7.3	May
5,065	4,623	442	8.7	7.3	June
5,100	4,626	474	9.3	7.3	July
5,104	4,645	459	9.0	7.1	August
5,154	4,678	476	9.2	7.1	September
5,154	4,688	466	9.0	7.1	October
5,181	4,723	458	8.8	7.0	November
5,186	4,749	437	8.4	6.9	December
					1986
5,226	4,758	468	9.0	6.7	January

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural	Manufacturing		
			Durable	Nondurable
1984				
January	4,189	1,108	758	350
February	4,212	1,116	765	351
March	4,206	1,118	766	352
April	4,219	1,123	771	353
May	4,236	1,126	773	354
June	4,253	1,129	775	354
July	4,267	1,133	778	354
August	4,288	1,138	783	355
September	4,289	1,130	775	354
October	4,306	1,132	777	356
November	4,321	1,135	780	356
December	4,327	1,137	781	355
1985				
January	4,323	1,134	779	355
February	4,328	1,133	778	356
March	4,343	1,129	774	355
April	4,358	1,127	772	355
May	4,375	1,127	772	355
June	4,387	1,123	769	354
July	4,376	1,118	767	351
August	4,384	1,116	763	353
September	4,394	1,110	757	353
October	4,410	1,115	763	353
November	4,430	1,121	767	354
December	4,449	1,126	772	354
1986				
January	4,474	1,129	772	357

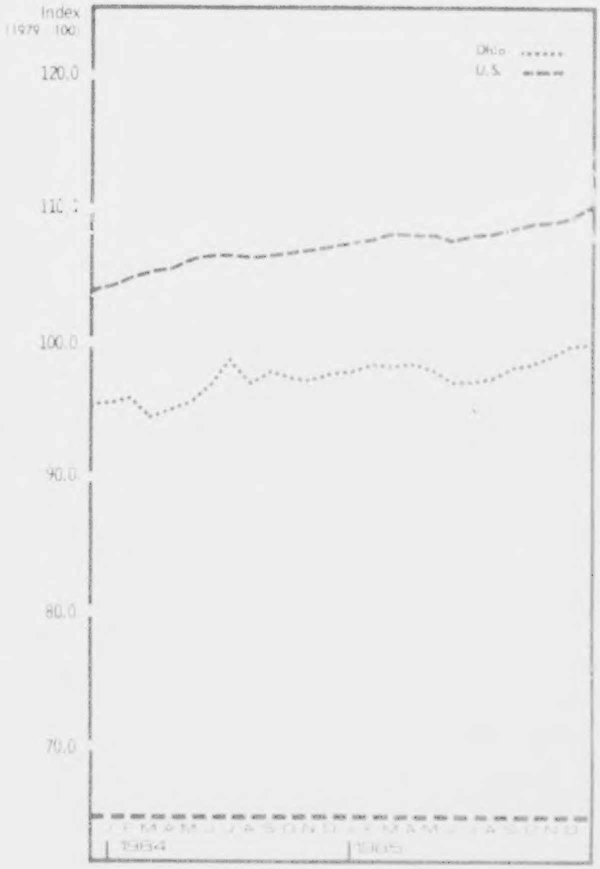
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

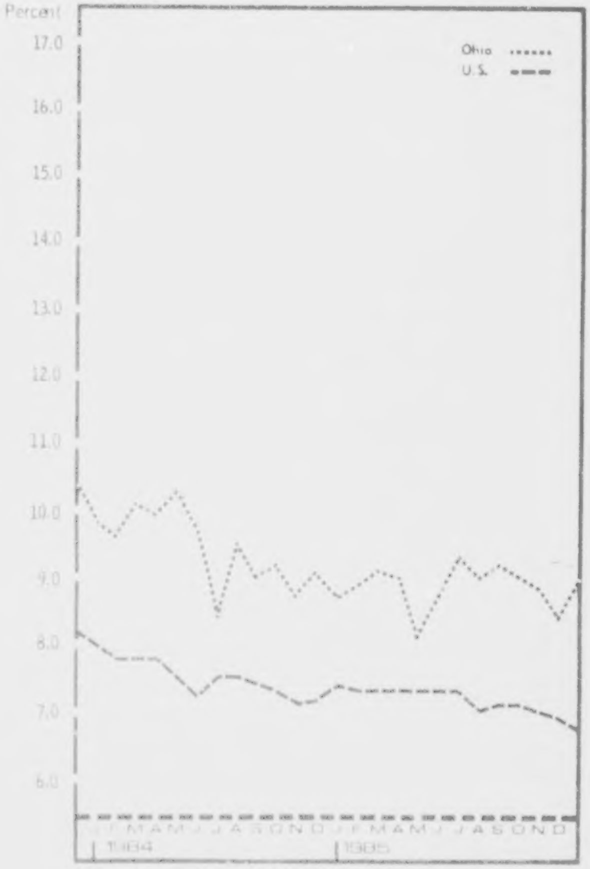
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance Insurance & Real Estate	Services	Government
					1984				
3,081	28	140	204	230	January	730	209	888	652
3,096	28	142	209	232	February	735	210	891	654
3,088	28	136	205	233	March	735	210	890	652
3,096	28	139	205	234	April	737	210	891	653
3,110	28	141	205	235	May	739	211	899	652
3,124	28	145	204	237	June	744	211	904	651
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	911	660
3,174	28	150	204	240	October	760	213	916	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	153	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,345	26	160	205	252	January	819	223	991	669

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military perso[illegible]. Annual average data for each series are published on page 8. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

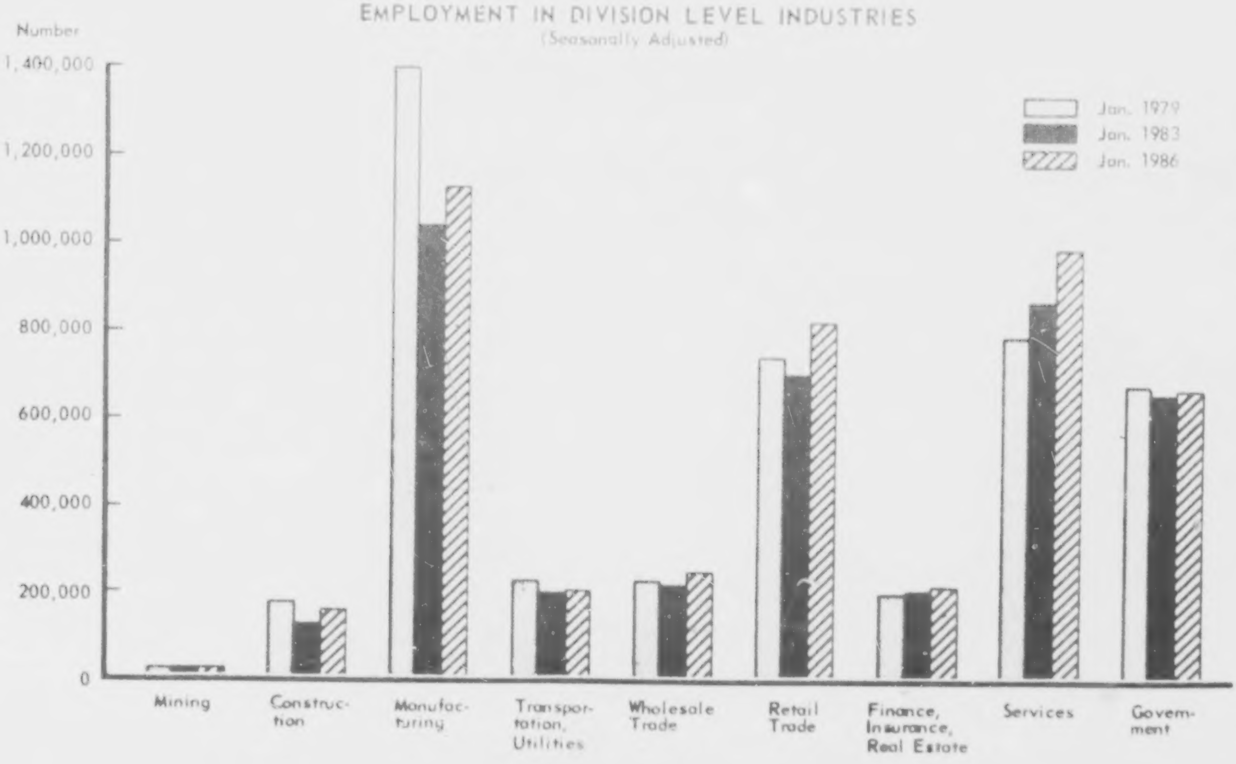
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
4,723	4,294	429	9.1	8.5	1975
4,751	4,380	370	7.8	7.7	1976
4,833	4,520	312	6.5	7.1	1977
4,959	4,690	268	5.4	6.1	1978
5,059	4,760	299	5.9	5.8	1979
5,089	4,663	426	8.4	7.1	1980
5,100	4,608	492	9.6	7.6	1981
5,114	4,474	640	12.5	9.7	1982
5,099	4,478	621	12.2	9.6	1983
5,089	4,609	480	9.4	7.5	1984
5,130	4,675	455	8.9	7.2	1985
					1985
5,009	4,556	452	9.0	8.0	January
4,988	4,525	464	9.3	7.8	February
5,057	4,567	490	9.7	7.5	March
5,099	4,646	453	8.9	7.1	April
5,054	4,674	381	7.5	7.0	May
5,146	4,707	439	8.5	7.5	June
5,237	4,750	487	9.3	7.4	July
5,207	4,751	456	8.8	6.9	August
5,185	4,719	466	9.0	6.9	September
5,216	4,747	469	9.0	6.8	October
5,200	4,734	466	9.0	6.7	November
5,156	4,721	436	8.5	6.7	December
					1986
5,121	4,647	474	9.3	7.3	January

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural			
		Manufacturing		
			Durable	Nondurable
1975	4,016.2	1,267.5	892.4	375.1
1976	4,094.6	1,295.3	910.6	384.6
1977	4,230.1	1,344.1	945.2	398.9
1978	4,394.9	1,377.2	974.5	402.7
1979	4,484.8	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,378.6	1,123.1	769.1	354.0
1985				
January	4,237.6	1,122.7	771.2	351.5
February	4,238.9	1,121.0	769.8	351.2
March	4,282.7	1,124.2	772.6	351.6
April	4,347.0	1,123.8	771.4	352.4
May	4,404.3	1,128.3	774.0	354.3
June	4,411.9	1,130.4	774.8	355.6
July	4,383.5	1,120.4	768.3	352.1
August	4,385.8	1,118.4	761.3	357.2
September	4,437.7	1,121.4	762.6	358.8
October	4,456.8	1,119.8	765.5	354.4
November	4,473.1	1,123.1	768.2	354.9
December	4,483.7	1,123.6	769.5	354.1
1986				
January	4,384.1	1,118.4	765.2	353.2

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.8	182.9	232.1	232.8	1979	742.4	200.8	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.5	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.6	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,114.9	26.5	127.5	197.8	240.4	January	752.9	212.7	903.6	653.5
3,117.9	25.8	120.8	198.2	240.3	February	740.1	213.2	910.0	669.6
3,158.6	26.0	130.0	199.3	242.0	March	751.5	214.1	920.0	675.7
3,223.2	26.2	145.1	201.6	243.8	April	771.8	215.3	944.0	675.4
3,276.0	26.4	156.3	203.4	246.0	May	789.0	217.4	958.9	678.6
3,281.5	26.5	161.3	204.7	246.9	June	784.4	219.8	965.1	662.7
3,263.2	26.8	168.1	204.4	248.1	July	797.4	221.4	966.3	630.8
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,265.8	25.7	134.7	200.0	249.6	January	801.1	220.8	966.5	667.5

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio[a]

Manufacturing Employment (in thousands) / **Production Workers in Manufacturing**

Manufacturing	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.1	910.5	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.6	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,123.1	769.1	354.0	1985	773.4	369.7	32.5
			1985			
1,122.7	771.2	351.5	January	777.1	371.4	32.9
1,121.0	769.8	351.2	February	775.2	352.3	30.9
1,124.2	772.6	351.6	March	777.3	373.1	33.0
1,123.8	771.4	352.4	April	775.8	369.5	32.6
1,128.3	774.0	354.3	May	778.3	370.4	32.7
1,130.4	774.9	355.5	June	778.6	374.3	32.9
1,120.4	768.3	352.1	July	767.9	362.8	32.0
1,118.4	761.3	357.2	August	765.0	359.7	31.9
1,121.4	762.6	358.8	September	769.5	368.9	32.5
1,119.9	765.5	354.4	October	768.9	370.9	32.4
1,123.1	768.7	354.4	November	772.9	376.6	32.8
1,123.6	769.5	354.1	December	773.5	387.2	33.3
			1986			
1,118.4	765.2	353.2	January	768.5	374.9	32.4

Production Workers Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$224.47	$228.90	$211.85	1975
252.54	258.75	235.00	1976
283.08	292.02	258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	356.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.81	482.38	417.83	1984
477.96	499.56	425.80	1985
			1985
477.99	500.12	420.43	January
454.46	472.40	411.93	February
479.97	501.30	424.76	March
476.28	497.45	424.88	April
475.86	498.20	420.66	May
480.95	502.25	428.11	June
472.46	490.31	426.01	July
469.54	489.81	422.91	August
479.39	500.74	430.54	September
482.35	505.33	424.98	October
487.18	508.22	434.93	November
500.52	526.44	439.10	December
			1986
487.83	511.70	431.60	January

Production Workers Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
40.3	40.3	40.2	1975
41.4	41.4	41.3	1976
42.0	42.2	41.4	1977
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.8	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
			1985
42.3	42.6	41.3	January
39.9	40.0	39.8	February
42.4	42.7	41.4	March
42.0	42.3	41.3	April
42.0	42.4	41.0	May
42.3	42.6	41.5	June
41.7	41.8	41.2	July
41.7	41.9	41.3	August
42.2	42.4	41.8	September
42.2	42.5	41.3	October
42.4	42.6	41.7	November
43.0	43.4	42.1	December
			1986
42.2	42.5	41.5	January

Production Workers Average Hourly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1975	$ 5.57	$ 5.68	$ 5.27
1976	6.10	6.25	5.69
1977	6.74	6.92	6.24
1978	7.29	7.49	6.73
1979	7.84	8.06	7.25
1980	8.57	8.81	7.96
1981	9.53	9.82	8.80
1982	10.07	10.37	9.38
1983	10.56	10.90	9.77
1984	10.96	11.35	10.02
1985	11.38	11.81	10.31
1985			
January	11.30	11.74	10.18
February	11.39	11.81	10.35
March	11.32	11.74	10.26
April	11.34	11.76	10.29
May	11.33	11.75	10.26
June	11.37	11.79	10.34
July	11.33	11.73	10.34
August	11.26	11.69	10.24
September	11.36	11.81	10.30
October	11.43	11.89	10.29
November	11.49	11.93	10.43
December	11.64	12.13	10.43
1986			
January	11.56	12.04	10.40

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

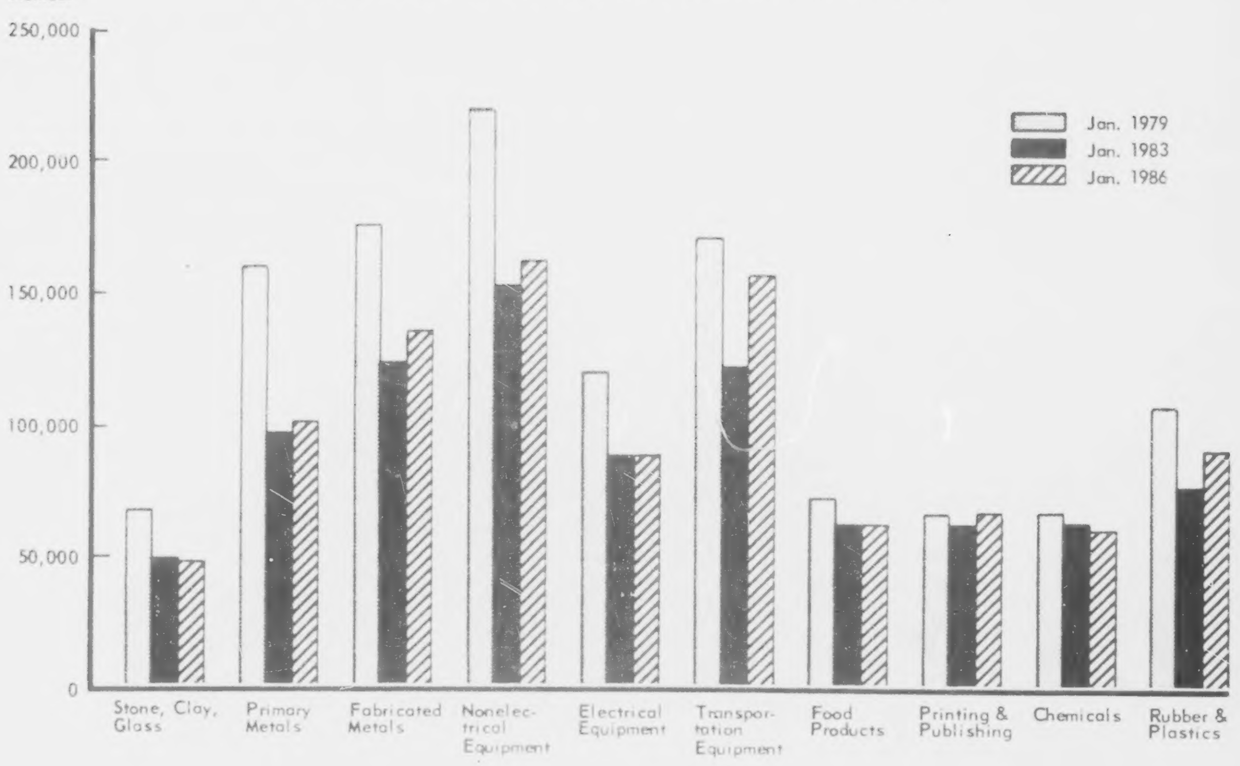
	Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.9	136.7	167.3	93.1	144.9	62.8	65.1	90.8
1985	50.4	102.7	138.9	166.2	90.5	151.7	62.7	66.6	91.0
1985									
January	49.7	105.0	138.8	169.3	93.4	147.7	61.5	65.7	91.3
February	49.1	105.1	138.7	168.5	92.9	148.5	60.7	65.8	91.4
March	49.5	105.7	138.8	168.9	92.6	149.6	61.1	65.8	91.1
April	50.0	104.6	139.5	168.5	91.3	149.3	61.1	66.3	90.9
May	50.6	104.7	140.9	167.4	90.6	150.6	61.7	66.6	91.1
June	51.0	103.9	140.8	167.7	90.5	151.9	62.7	66.5	91.6
July	50.7	103.3	138.3	166.3	89.7	151.1	62.7	66.5	88.7
August	51.2	99.0	137.2	164.2	89.8	150.5	65.5	66.8	90.5
September	51.4	98.5	139.1	164.0	89.2	150.9	65.9	66.9	91.4
October	51.2	99.0	138.7	163.4	89.1	154.5	63.3	67.1	91.3
November	51.0	101.3	138.6	162.9	88.1	157.2	62.9	67.5	91.7
December	49.8	102.7	137.3	163.4	89.0	158.3	63.0	67.6	91.1
1986									
January	49.1	102.0	136.1	163.2	89.3	157.9	62.6	67.5	91.2

Average Weekly Earnings of Production Workers

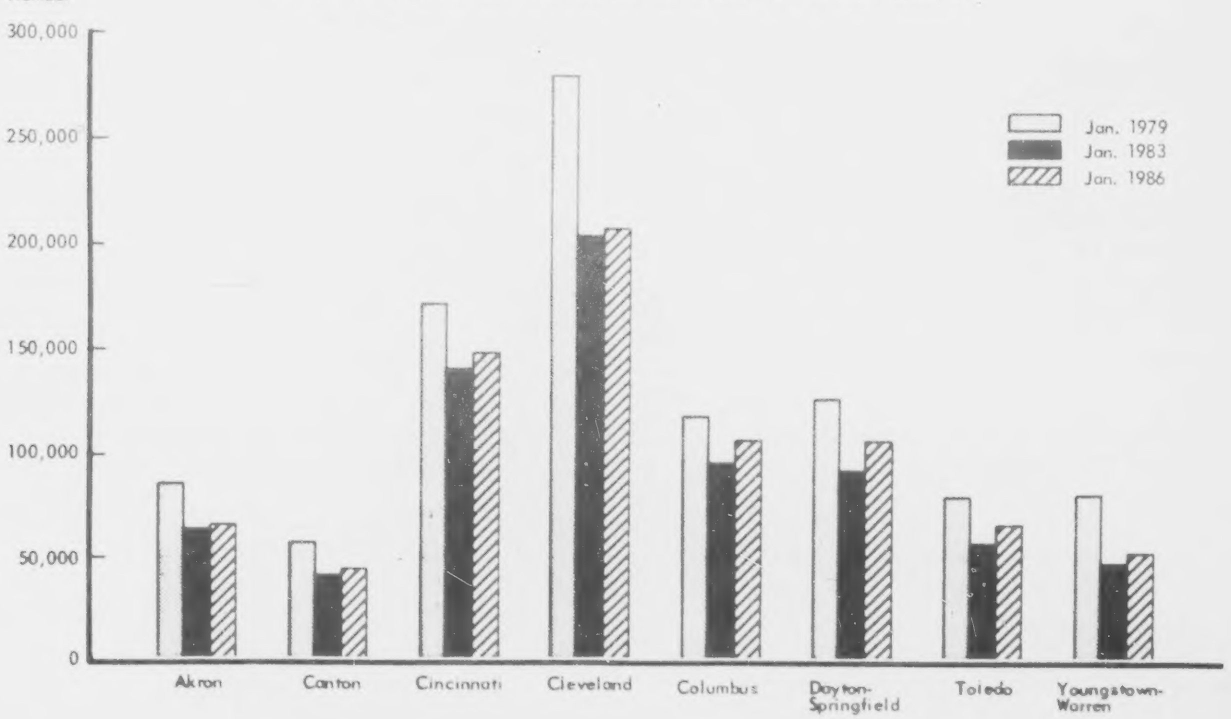
	Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	$207.55	$256.46	$224.96	$228.25	$201.30	$263.22	$222.68	$226.95	$213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.82	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	366.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	419.99
1985	434.30	548.83	492.15	475.58	433.30	635.26	413.25	395.14	429.17
1985									
January	418.99	539.97	495.20	479.70	422.65	659.78	413.34	384.81	424.42
February	405.08	540.70	465.66	458.49	404.07	586.40	408.04	376.66	412.08
March	428.48	546.33	502.15	476.69	438.48	634.05	414.83	390.02	428.98
April	440.16	548.47	505.57	470.22	427.18	621.53	413.00	386.83	429.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.19	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	439.95	553.50	487.39	478.13	435.59	638.17	423.47	403.52	431.63
October	441.84	541.86	490.98	478.41	446.71	653.05	408.93	399.36	426.38
November	441.21	549.67	496.93	476.72	449.77	648.70	404.33	411.08	437.68
December	441.60	565.30	519.50	489.46	466.99	677.37	405.87	424.51	443.23
1986									
January	433.70	548.70	501.50	478.97	457.87	649.98	409.77	404.53	437.31

[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Nonagricultural Wage & Salary Employment[a]

Ohio

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	4384.1	4483.7	4237.6	- 99.6	146.5
MANUFACTURING	1118.4	1123.6	1122.7	- 5.2	- 4.3
Durable Goods[e]	765.2	769.5	771.2	- 4.3	- 6.0
Lumber and wood products	16.7	17.2	15.3	- .5	1.4
Furniture and fixtures	14.2	14.3	15.2	- .1	- 1.0
Stone, clay, and glass products	49.1	49.8	49.7	- .7	- .6
Glass and glassware, pressed or blown	11.3	10.9	12.4	.4	- 1.0
Primary metal industries	102.0	102.7	105.0	- .6	- 3.0
Blast furnace and basic steel products	46.7	46.7	47.6	.1	- .8
Iron and steel foundries	20.5	21.2	22.0	- .7	- 1.5
Nonferrous rolling and drawing	18.8	19.0	18.9	- .2	- .1
Fabricated metal products	136.1	137.3	138.8	- 1.2	- 2.7
Cutlery, hand tools, and hardware	11.3	11.2	11.7	.1	- .4
Fabricated structural metal products	27.7	28.3	28.1	- .6	- .4
Metal forgings and stampings	43.1	43.3	44.8	- .2	- 1.7
Machinery, except electrical	163.2	163.4	169.3	- .2	- 6.1
Construction and related machinery	14.4	14.6	16.0	- .2	- 1.6
Metalworking machinery	41.6	41.5	42.7	.2	- 1.0
Special industry machinery	18.0	18.1	18.5	- .1	- .5
General industrial machinery	29.7	30.0	32.0	- .3	- 2.3
Office and computing machines	13.3	13.2	13.7	.1	- .4
Refrigeration and service machinery	16.9	16.7	17.1	.2	- .2
Electric and electronic equipment	89.3	89.0	93.4	.2	- 4.1
Electrical industrial apparatus	17.4	17.4	18.8	- .1	- 1.3
Household appliances	17.1	17.0	17.1	.1	- .1
Electric lighting and wiring equipment	17.3	17.5	18.6	- .2	- 1.3
Communication equipment	10.5	10.5	11.5	.0	- 1.0
Transportation equipment	157.9	158.3	147.7	- .4	10.2
Motor vehicles and equipment	103.0	103.6	97.7	- .6	5.3
Aircraft and parts	46.3	46.3	41.0	.0	5.3
Instruments and related products	23.4	23.5	23.1	- .2	.3
Measuring and controlling devices	12.5	12.6	12.6	- .2	- .1
Nondurable Goods[f]	353.2	354.1	351.5	- .9	1.7
Food and kindred products	62.6	63.0	61.5	- .4	1.1
Meat products	10.1	10.3	10.2	- .2	- .1
Dairy products	9.7	10.0	9.4	- .3	.3
Preserved fruits and vegetables	10.7	10.4	10.8	.3	.2
Bakery products	8.6	8.7	8.3	- .1	.2
Beverages	10.1	10.2	9.6	- .1	.5
Apparel and other textile products	16.8	16.8	16.7	.0	.1
Paper and allied products	36.7	36.9	36.8	- .1	- .1
Misc. converted paper products	12.1	12.2	12.1	- .1	.0
Paperboard containers and boxes	11.9	11.9	12.2	.0	- .3
Printing and publishing	67.5	67.6	65.7	- .1	1.8
Newspapers	18.9	19.1	18.2	- .2	.8
Commercial printing	25.8	25.8	24.7	.0	1.2
Chemicals and allied products	61.2	61.4	62.3	- .1	- 1.0
Industrial inorganic chemicals	9.3	9.4	10.7	- .1	- 1.4
Rubber and misc. plastics products	91.2	91.1	91.3	.0	- .2
Tires and inner tubes	18.7	18.7	20.5	.0	- 1.9
Miscellaneous plastics products	52.5	52.4	50.5	.1	2.0

See footnotes on page 15

Ohio (continued)

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3265.8	3360.1	3114.9	- 94.4	150.8
Mining	25.7	26.2	26.5	- .4	- .8
Bituminous coal and lignite mining	11.0	10.9	10.8	.1	.2
Oil and gas extraction	10.8	10.9	11.8	- .1	- 1.0
CONSTRUCTION	134.7	155.7	127.5	- 21.0	7.2
General building contractors	36.0	40.2	33.0	- 4.2	3.0
Heavy construction contractors	14.0	18.6	13.6	- 4.6	.4
Highway and street construction	4.6	7.5	4.0	- 3.0	.6
Special trade contractors	84.7	96.9	80.9	- 12.2	3.8
TRANSPORTATION AND PUBLIC UTILITIES	200.0	204.4	197.8	- 4.4	2.1
Railroad transportation	15.3	16.0	17.3	- .7	- 1.9
Transportation, except railroads	94.8	98.6	91.2	- 3.8	3.6
Trucking and warehousing	68.5	71.1	66.1	- 2.7	2.4
Communication, electric, gas services	89.9	89.8	89.4	.0	.5
Communication	49.1	49.1	49.2	.0	- .1
Electric, gas, and sanitary services	40.7	40.7	40.1	.0	.6
WHOLESALE TRADE	249.6	251.2	240.4	- 1.7	9.2
Wholesale trade-durable goods	158.8	160.0	152.5	- 1.2	6.3
Motor vehicles & automotive equipment	24.5	24.7	22.9	- .2	1.5
Electrical goods	20.8	21.1	20.1	- .3	.7
Machinery, equipment, and supplies	67.0	67.1	64.3	- .1	2.8
Wholesale trade-nondurable goods	90.8	91.2	87.9	- .4	2.9
Groceries and related products	28.2	28.2	27.3	.0	.9
RETAIL TRADE	801.1	838.7	752.9	- 37.6	48.1
General merchandise stores	115.4	128.2	116.2	- 12.9	- .9
Department stores	105.7	117.9	106.8	- 12.2	- 1.1
Food stores	127.8	131.8	121.1	- 4.0	6.7
Automotive dealers & service stations	89.2	89.3	82.8	- .1	6.4
Apparel and accessory stores	38.3	40.9	35.9	- 2.6	2.3
Eating and drinking places	275.5	286.1	253.7	- 10.6	21.9
FINANCE, INSURANCE, AND REAL ESTATE	220.8	221.6	212.7	- .8	8.1
Banking	61.4	61.2	58.3	.2	3.1
Credit agencies other than banks	34.7	34.6	33.6	.1	1.1
Insurance carriers	58.1	58.3	57.2	- .2	.9
Life insurance	20.9	21.3	21.6	- .4	- .7
Fire, marine, and casualty insurance	28.0	27.9	27.1	.1	.9
SERVICES	966.5	975.5	903.6	- 10.0	62.9
Hotels and other lodging places	32.2	32.8	29.5	- .7	2.7
Personal services	54.2	53.4	50.6	.8	3.6
Laundry, cleaning, & garment services	18.2	18.3	17.1	- .2	1.1
Business services	182.1	184.2	160.6	- 2.1	21.5
Services to buildings	27.5	27.3	24.6	.3	2.9
Computer and data processing services	17.6	16.9	14.9	.7	2.7
Amusement and recreation services	28.3	32.0	28.1	- 3.7	.2
Health services	334.0	334.3	323.4	- .3	10.6
Nursing and personal care facilities	71.5	71.9	68.7	- .4	2.8
Hospitals	167.4	167.3	165.3	.2	2.1
Educational services	64.3	65.3	59.8	- .9	4.5
Colleges and universities	35.7	36.2	33.1	- .5	2.6
GOVERNMENT	667.5	685.8	653.5	- 18.4	14.0
Federal government	92.4	92.9	89.5	- .5	2.9
State government	139.9	152.4	136.4	- 12.6	3.5
State government education	70.7	82.9	67.9	- 12.2	2.8
State government, except education	69.1	69.5	68.5	- .4	.6
Local government	435.2	440.5	427.7	- 5.3	7.6
Local government education	252.8	257.6	246.3	- 4.9	6.5
Local government, except education	182.5	182.9	181.3	- .4	1.1

See footnotes on page 15

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1986[b]	December 1985[c]	January 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$487.83	$500.52	$477.99	42.2	43.0	42.3	$11.56	$11.64	$11.30
Durable Goods[d]	511.70	526.44	500.12	42.5	43.4	42.6	12.04	12.13	11.74
Lumber and wood products	283.06	290.24	292.04	39.7	40.2	39.2	7.13	7.22	7.45
Furniture and fixtures	329.38	349.83	315.61	39.4	41.4	39.5	8.36	8.45	7.99
Stone, clay, and glass products	433.70	441.60	418.99	40.8	41.7	40.6	10.63	10.59	10.32
Glass and glassware, pressed or blown	467.90	464.94	446.88	40.9	41.0	39.2	11.44	11.34	11.40
Primary metal industries	548.70	565.30	539.97	41.6	42.6	41.6	13.19	13.27	12.98
Blast furnace and basic steel products	523.38	530.27	510.90	39.5	39.9	39.0	13.25	13.29	13.10
Iron and steel foundries	611.89	636.87	582.86	43.8	45.2	43.4	13.97	14.09	13.43
Nonferrous rolling and drawing	592.07	614.98	622.34	42.2	43.4	44.2	14.03	14.17	14.08
Fabricated metal products	501.50	519.50	495.20	42.5	43.4	42.8	11.80	11.97	11.57
Cutlery, hand tools, and hardware	504.71	540.11	481.92	41.1	42.9	40.6	12.28	12.59	11.87
Fabricated structural metal products	428.75	440.48	431.04	42.2	43.1	42.3	10.16	10.22	10.19
Metal forgings and stampings	633.28	670.22	630.54	44.1	45.5	45.2	14.36	14.73	13.95
Machinery, except electrical	478.97	489.46	479.70	42.2	43.2	43.1	11.35	11.33	11.13
Construction and related machinery	404.60	393.42	408.62	40.5	39.5	40.1	9.99	9.96	10.19
Metalworking machinery	450.47	478.51	445.63	42.1	43.9	42.2	10.70	10.90	10.56
Special industry machinery	444.05	492.55	486.40	41.5	44.9	45.5	10.70	10.97	10.69
General industrial machinery	495.52	485.72	490.33	42.1	42.2	42.6	11.77	11.51	11.51
Office and computing machines	371.36	413.36	357.16	41.4	44.4	41.1	8.97	9.31	8.69
Refrigeration and service machinery	607.43	616.57	564.83	44.5	45.1	44.3	13.65	13.67	12.75
Electric and electronic equipment	457.87	466.99	422.65	41.7	42.3	40.6	10.98	11.04	10.41
Electrical industrial apparatus	452.09	446.37	400.58	41.4	41.6	40.3	10.92	10.73	9.94
Household appliances	470.09	476.52	443.56	41.2	41.8	41.3	11.41	11.40	10.74
Electric lighting and wiring equipment	438.21	459.82	410.15	40.5	41.5	39.4	10.82	11.08	10.41
Communication equipment	511.97	516.00	488.78	42.7	43.0	42.8	11.99	12.00	11.42
Transportation equipment	649.98	677.37	659.78	45.2	46.3	46.3	14.38	14.63	14.25
Motor vehicles and equipment	687.92	720.27	703.95	45.8	47.2	47.5	15.02	15.26	14.82
Aircraft and parts	544.24	565.80	546.94	43.4	44.1	43.1	12.54	12.83	12.69
Instruments and related products	387.61	388.92	327.58	41.5	42.0	39.9	9.34	9.26	8.21
Measuring and controlling devices	390.19	391.11	318.78	40.9	41.3	38.5	9.54	9.47	8.28
Nondurable Goods	431.60	439.10	420.43	41.5	42.1	41.3	10.40	10.43	10.18
Food and kindred products	409.77	405.87	413.34	41.1	41.5	41.5	9.97	9.78	9.96
Meat products	362.48	371.46	386.68	39.4	41.0	41.4	9.20	9.06	9.34
Dairy products	452.91	449.24	433.43	44.1	43.7	43.3	10.27	10.28	10.01
Preserved fruits and vegetables	380.57	372.08	348.79	40.4	40.4	39.5	9.42	9.21	8.83
Bakery products	[illegible]	435.86	458.29	38.5	38.2	41.7	11.32	11.41	10.99
Beverages	425.15	402.52	386.63	41.6	40.7	39.9	10.22	9.89	9.69
Apparel and other textile products	267.57	272.06	252.30	37.9	38.7	37.6	7.06	7.03	6.71
Paper and allied products	471.49	485.50	457.60	43.9	44.5	44.0	10.74	10.91	10.40
Misc. converted paper products	426.38	436.92	417.56	43.2	44.0	44.0	9.87	9.93	9.49
Paperboard containers and boxes	397.85	416.02	391.44	42.1	42.8	42.0	9.45	9.72	9.32
Printing and publishing	404.53	424.51	384.81	38.6	40.2	38.1	10.48	10.56	10.10
Newspapers	329.32	341.63	321.44	33.4	34.3	32.8	9.86	9.96	9.80
Commercial printing	408.75	439.03	396.01	39.8	42.5	39.8	10.27	10.33	9.95
Chemicals and allied products	507.60	508.22	490.73	42.3	42.6	41.8	12.00	11.93	11.74
Industrial inorganic chemicals	553.84	573.20	524.17	43.0	44.4	41.8	12.88	12.91	12.54
Rubber and misc. plastics products	437.31	443.23	424.42	43.0	43.2	42.4	10.17	10.26	10.01
Tires and inner tubes	616.51	613.80	573.74	45.6	45.5	44.1	13.52	13.49	13.01
Miscellaneous plastics products	418.63	432.29	414.96	42.5	43.1	42.3	9.85	10.03	9.81

See footnotes on page 15

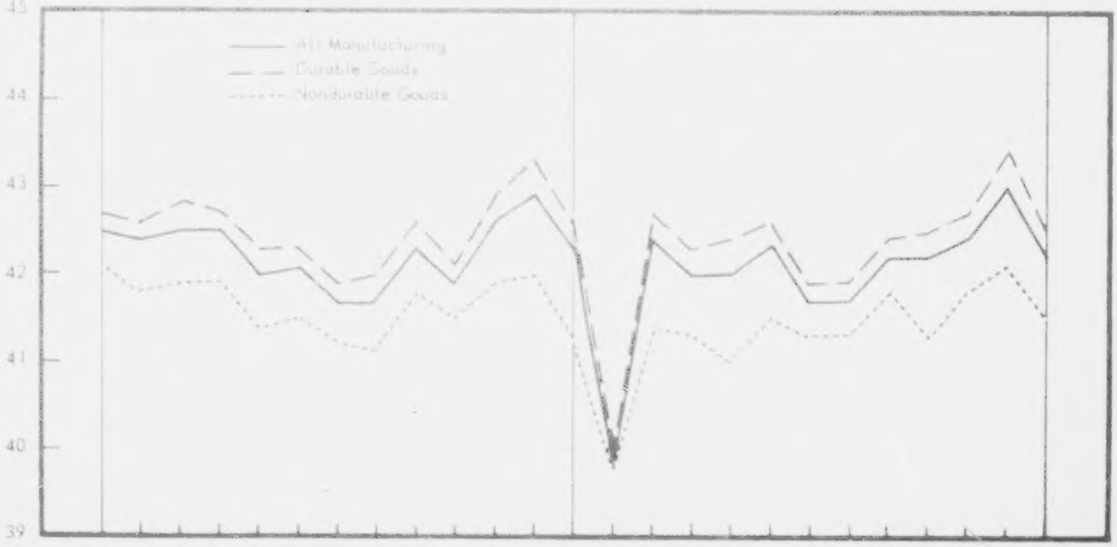
Ohio (continued)

Hours & Earnings of Production or Nonsupervisory Workers[a]

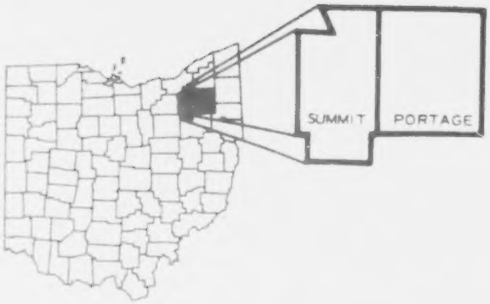
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1986[b]	December 1985[c]	January 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MINING	$527.30	$516.56	$504.58	44.8	44.0	43.8	$11.77	$11.74	$11.52
Bituminous coal and lignite mining	633.57	616.97	625.15	43.1	41.8	41.9	14.70	14.76	14.92
CONSTRUCTION	602.94	586.69	606.29	39.0	37.8	38.3	15.46	15.48	15.83
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	530.13	529.72	496.52	41.0	41.0	40.4	12.93	12.92	12.29
Communication	525.84	525.44	481.59	40.7	40.7	39.8	12.92	12.91	12.07
Electric, gas, and sanitary services	534.42	537.01	517.45	41.3	41.5	41.1	12.94	12.94	12.59
WHOLESALE TRADE	356.85	360.64	340.47	39.0	39.5	39.0	9.15	9.13	8.73
Wholesale trade-durable goods	358.09	357.70	338.12	39.7	39.7	39.5	9.02	9.01	8.56
Wholesale trade-nondurable goods	354.00	365.59	346.23	37.7	39.1	38.3	9.39	9.35	9.04
RETAIL TRADE[g]	153.71	159.72	151.50	28.1	29.2	27.9	5.47	5.47	5.43
General merchandise stores	170.08	185.05	155.67	27.7	31.1	28.1	6.14	5.95	5.54
Department stores	173.88	189.40	158.48	27.6	31.1	28.1	6.30	6.09	5.64
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	241.75	243.66	228.27	....	....	....	.....	.....	.....
Credit agencies other than banks	236.97	235.43	219.05	....	....	....	.....	.....	.....
Insurance carriers	329.02	317.38	303.06	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	312.40	312.31	300.39	33.7	33.8	33.9	9.27	9.24	8.92

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g] Money payments only; tips not included. [h] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



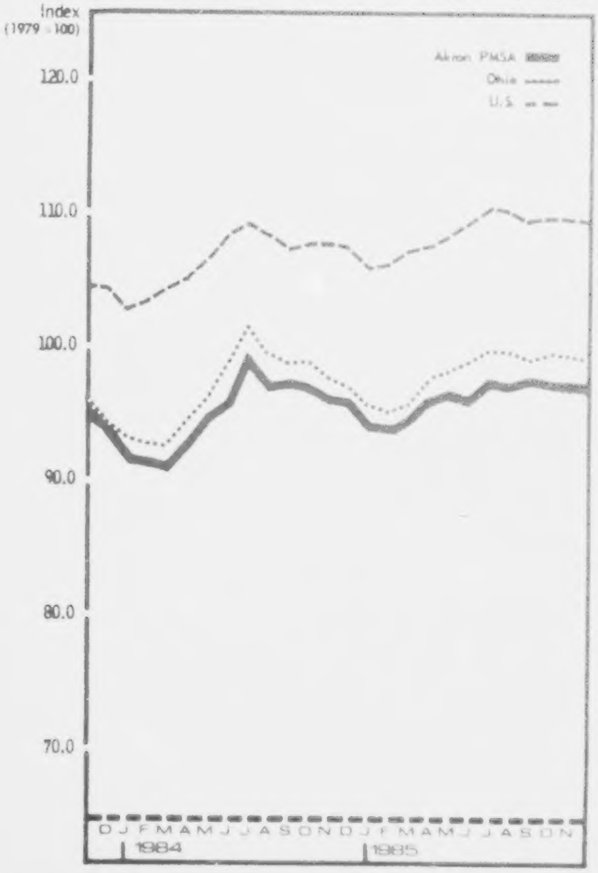
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



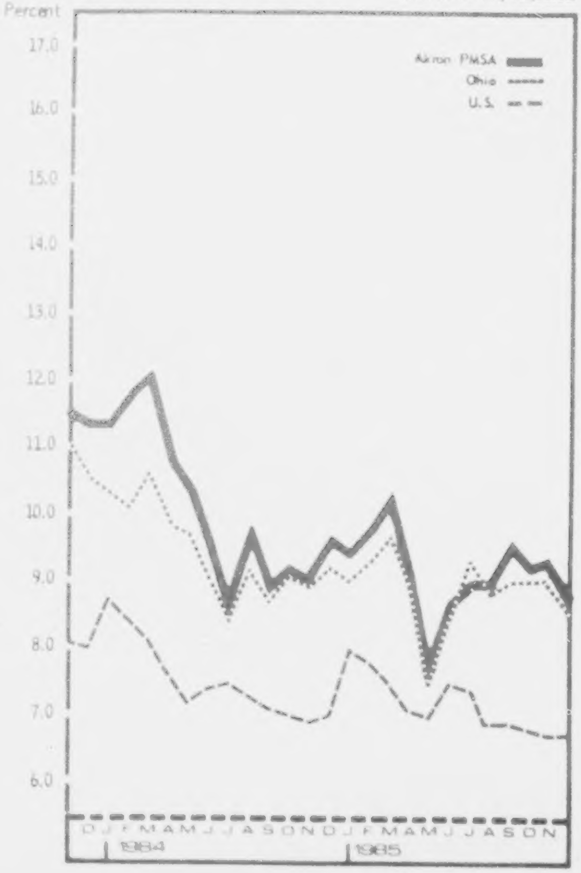
Nonagricultural wage and salary employment in Akron fell 7,600 from December to 256,800 in January. Most of the decrease was in nonmanufacturing industries, as retail trade, state government education, and construction had seasonal losses. Manufacturing employment, at 66,200, was down 600 from December, due chiefly to declines in fabricated metal products and in food and kindred products. Factory production workers earned an average of $11.10 per hour for a workweek of 42.8 hours in January, down 11¢ and 1.3 hours, respectively.

Akron's nonfarm employment increased by 5,600 from January 1985 to January 1986. The largest gains occurred in services and retail trade, although nearly all nonmanufacturing industries had more employment. Manufacturing employment fell 1,900 from January 1985, due mainly to losses in tires and inner tubes.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



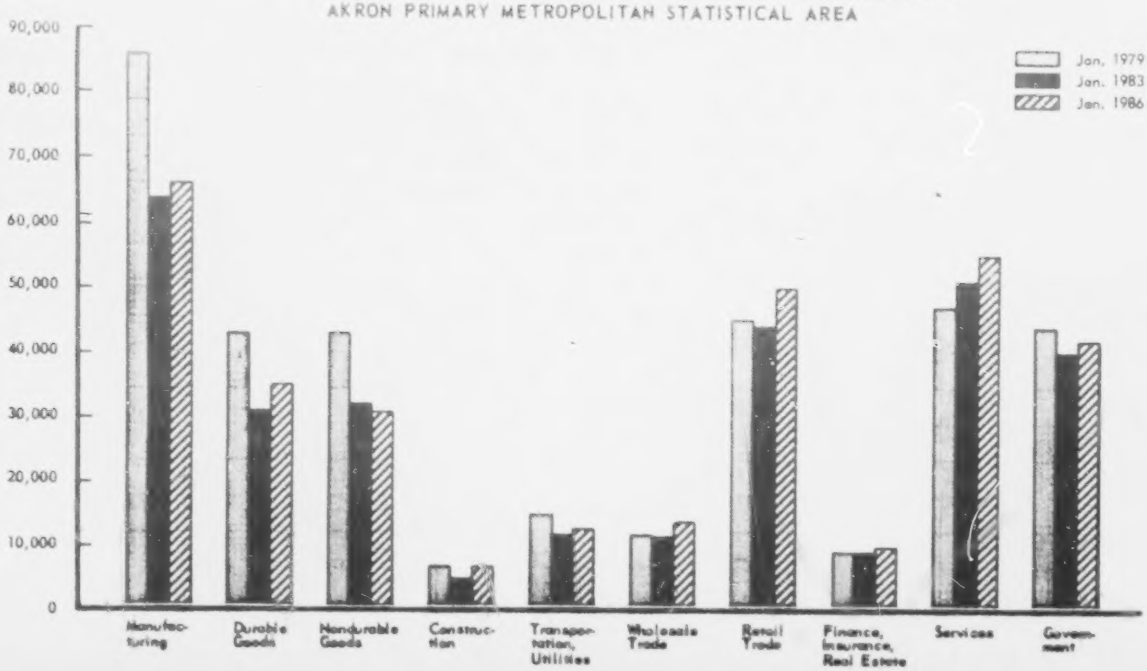
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	246.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.4	265.2	37.2	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
300.7	270.4	30.3	10.1	1984	252.2	67.9	38.0	470.65	43.7	10.77
302.1	274.5	27.6	9.1	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1984						
302.1	272.7	29.4	9.7	December	257.6	68.6	38.5	495.84	45.2	10.97
				1985						
295.5	267.8	27.7	9.4	January	251.1	68.2	38.1	480.25	44.1	10.89
296.3	267.2	29.0	9.8	February	251.3	68.2	37.8	470.89	43.4	10.85
300.2	269.4	30.8	10.3	March	253.4	68.3	37.7	489.28	44.0	11.12
300.7	273.5	27.2	9.1	April	257.0	68.6	37.9	479.76	43.3	11.08
297.9	275.2	22.7	7.6	May	261.2	68.7	37.7	472.57	43.0	10.99
299.6	273.5	26.1	8.7	June	257.3	68.7	37.7	481.55	43.5	11.07
305.4	278.0	27.4	9.0	July	257.6	68.1	37.0	468.17	42.6	10.99
304.4	277.1	27.3	9.0	August	256.5	66.9	36.1	449.21	42.1	10.67
307.5	278.7	29.4	9.6	September	263.2	67.4	36.8	475.76	42.9	11.09
306.3	278.1	28.2	9.2	October	263.1	67.0	36.7	463.94	42.1	11.02
306.6	278.1	28.5	9.3	November	264.0	67.2	36.9	474.29	43.0	11.03
304.3	277.8	26.5	8.7	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
INA	INA	INA	INA	January	256.8	66.2	36.1	475.08	42.8	11.10

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	256.8	264.3	251.1	- 7.6	5.6
MANUFACTURING	66.2	66.8	68.2	- .6	- 1.9
Durable Goods*	35.1	35.3	35.3	- .2	- .2
Fabricated metal products	12.7	12.9	13.2	- .2	- .5
Machinery, except electrical	9.5	9.5	9.5	.0	.1
Metalworking machinery	3.1	3.1	3.1	.0	.0
Nondurable Goods*	31.1	31.5	32.9	- .4	- 1.8
Food and kindred products	2.7	2.8	2.7	- .2	.0
Chemicals and allied products	2.7	2.7	2.6	.0	.1
Rubber and misc. plastics products	20.7	20.8	22.5	- .1	- 1.8
Tires and inner tubes	14.2	14.2	15.7	.0	- 1.4
NONMANUFACTURING*	190.5	197.5	183.0	- 7.0	7.6
CONSTRUCTION	7.0	8.4	6.5	- 1.4	.5
TRANSPORTATION AND PUBLIC UTILITIES	12.8	13.0	12.6	- .2	.2
Communication, electric, gas services	5.3	5.3	5.2	.0	.0
WHOLESALE TRADE	13.6	13.8	13.1	- .2	.5
RETAIL TRADE	49.9	52.2	47.8	- 2.3	2.1
General merchandise stores	6.8	7.7	6.9	- .9	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.0	9.9	9.3	.2	.7
Banking	3.2	3.2	3.0	.0	.2
SERVICES	54.8	55.4	51.4	- .7	3.4
Business services	11.0	11.0	9.9	.0	1.1
Amusement and recreation services	2.5	2.4	2.1	.1	.4
Health services	17.2	17.4	17.4	- .2	- .1
GOVERNMENT	41.8	44.1	41.4	- 2.3	.3
State government	13.6	15.6	13.4	- 2.0	.2
State government education	10.7	12.7	10.5	- 2.0	.2
State government, except education	2.9	2.9	2.9	.0	.0
Local government	25.9	26.2	26.0	- .2	- .1
Local government education	14.2	14.4	14.3	- .3	- .1
Local government, except education	11.7	11.7	11.7	.0	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

Akron PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$475.08	$494.36	$480.25	42.8	44.1	44.1	$11.10	$11.21	$10.89
Durable Goods[e]	490.48	511.67	508.95	43.1	44.3	45.2	11.38	11.55	11.26
Fabricated metal products	616.08	633.86	614.86	45.2	45.7	46.3	13.63	13.87	13.28
Machinery, except electrical	414.95	452.89	441.60	43.0	45.7	46.0	9.65	9.91	9.60
Metalworking machinery	444.60	436.43	447.34	45.6	44.9	45.6	9.75	9.72	9.81
Nondurable Goods[f]	450.71	467.35	434.00	42.4	43.8	42.3	10.63	10.67	10.26
Food and kindred products	459.65	470.21	443.33	43.2	43.7	43.0	10.64	10.76	10.31
Chemicals and allied products	484.96	443.88	481.42	43.3	41.1	44.7	11.20	10.80	10.77
Rubber and misc. plastics products	482.02	496.10	454.46	43.9	45.1	43.2	10.98	11.00	10.52
Tires and inner tubes	690.57	690.57	612.84	48.7	48.7	45.7	14.18	14.18	13.41
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	542.02	544.16	501.74	41.0	41.1	40.3	13.22	13.24	12.45
WHOLESALE TRADE	323.02	323.55	321.26	38.5	38.2	38.8	8.39	8.47	8.28
RETAIL TRADE[h]	176.29	175.82	175.23	28.9	29.5	29.6	6.10	5.96	5.92

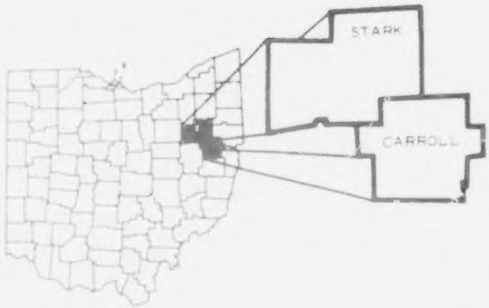
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	3,393	2,217	3,457
Active File of Job Seekers	26,209	25,744	34,917*
Referrals to Jobs	1,225	822	1,315
Placements	176	678	194
Job Openings Received	414	355	569
Job Openings Unfilled	1,152	1,194	1,152
Unemployment Insurance Program			
Initial Claims	5,619	5,926	6,274*
Continued Claims	48,765	37,498	47,252*
First Payments	3,378	2,091	3,063
Last Payments	569	498	740
Weeks Compensated	39,322	25,904	36,511
Benefits Paid	$5,779,738	$3,735,710	$5,219,525
Average Weekly Payment	$150.90	$148.32	$146.84

* Revised

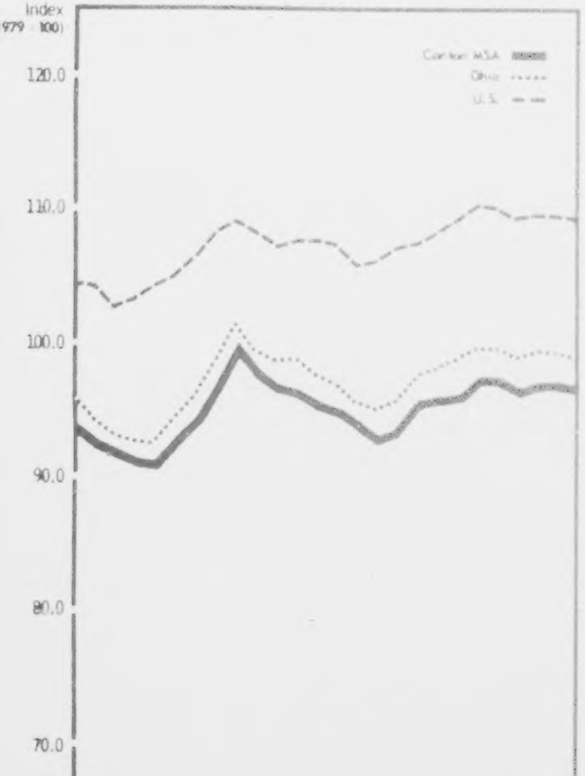
CANTON
METROPOLITAN STATISTICAL AREA



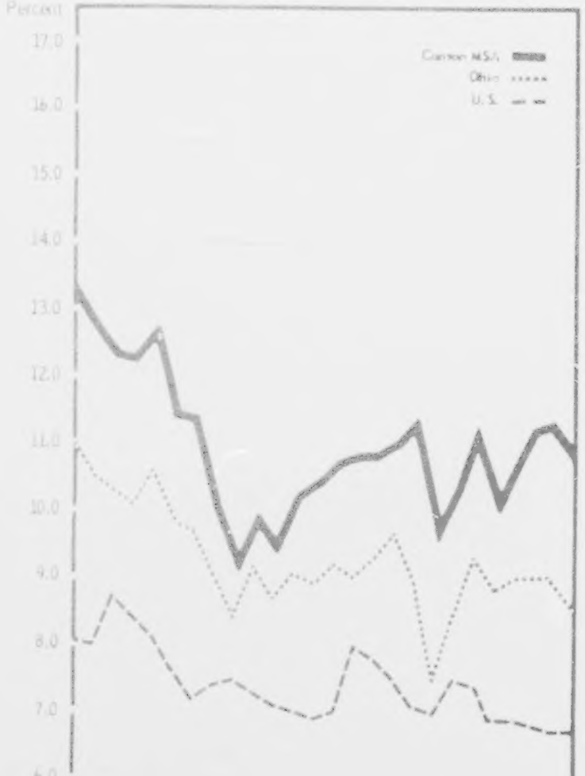
January wage and salary employment in Canton, at 151,700, was down 3,900 from December. Seasonal declines in retail trade and construction accounted for most of the loss. A labor-management dispute in the primary metal industries helped to lower manufacturing employment 700, to 45,300. Production workers in manufacturing had average hourly earnings of $11.17 in January and average weekly hours of 40.1; both little changed from December.

There were 4,000 more nonagricultural wage and salary employees this month than in January 1985. Retail trade and services had the largest over-the-year gains; government was the only nonmanufacturing division to have lower employment. Losses in durable-goods industries were partially offset by increases in food and kindred products, as manufacturing employment declined 1,200 from last January.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



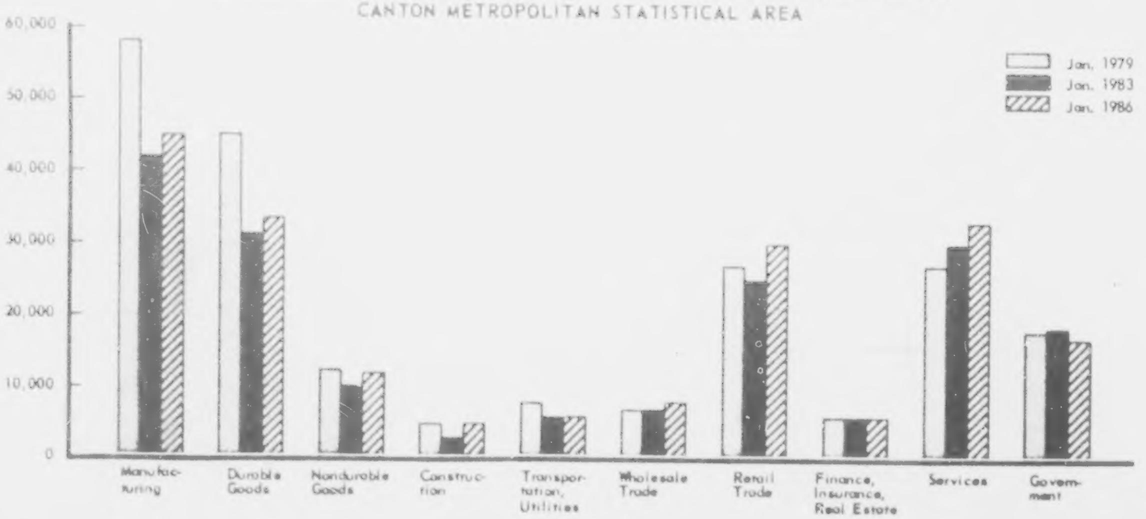
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.8	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	147.4	43.5	30.6	422.14	39.6	10.66
184.0	164.2	19.8	10.8	1984	149.1	46.4	33.6	437.53	40.4	10.83
186.0	166.0	20.0	10.8	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1984						
183.8	164.1	19.8	10.7	December	151.0	46.7	34.3	431.72	39.9	10.82
				1985						
182.0	162.4	19.6	10.8	January	147.8	46.5	34.3	434.68	40.1	10.84
180.0	160.6	19.4	10.8	February	146.9	45.9	33.8	430.16	39.5	10.89
181.9	161.9	20.0	11.0	March	148.4	46.2	34.1	435.60	40.0	10.89
186.6	165.5	21.1	11.3	April	151.4	46.5	34.3	427.10	39.4	10.84
183.6	166.0	17.7	9.6	May	152.9	46.5	34.3	435.31	39.9	10.91
185.9	166.6	19.3	10.3	June	153.3	46.7	34.3	434.72	39.7	10.95
190.3	168.9	21.4	11.2	July	153.0	46.4	34.0	431.34	39.5	10.92
187.7	168.9	18.8	10.0	August	153.0	46.3	33.5	432.61	39.4	10.98
187.1	167.1	20.0	10.7	September	153.9	46.4	33.4	439.90	40.1	10.97
189.2	168.0	21.2	11.2	October	154.4	45.8	33.0	442.30	40.1	11.03
189.8	168.3	21.5	11.3	November	155.8	46.1	33.2	444.21	40.2	11.05
188.4	168.1	20.3	10.8	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
NA	NA	NA	NA	January	151.7	45.3	32.3	447.92	40.1	11.17

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	151.7	155.7	147.8	- 3.9	4.0
MANUFACTURING	45.3	46.0	46.5	- .7	- 1.2
Durable Goods	33.6	34.3	35.1	- .7	- 1.5
Primary metal industries	10.4	11.1	10.9	- .7	- .5
Fabricated metal products	7.2	7.1	7.4	.1	- .2
Metal forgings and stampings	2.6	2.6	3.0	.0	- .3
Nondurable Goods	11.8	11.7	11.4	.1	.4
Food and kindred products	4.3	4.4	3.9	- .1	.4
Rubber and misc. plastics products	2.8	2.8	2.8	.0	.0
NONMANUFACTURING	106.4	109.7	101.3	- 3.3	5.1
CONSTRUCTION	4.7	5.7	4.3	- 1.0	.4
TRANSPORTATION AND PUBLIC UTILITIES	5.9	6.0	5.9	- .1	.0
Communication, electric, gas services	2.8	2.8	2.7	.0	.0
WHOLESALE TRADE	7.8	7.9	7.7	- .1	.1
Wholesale trade-durable goods	4.4	4.5	4.3	- .1	.1
RETAIL TRADE	28.8	31.1	26.3	- 2.3	2.5
General merchandise stores	3.8	4.3	3.8	- .5	.1
Food stores	5.2	[illegible]	[illegible]	.3	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.3	6.0	.1	.2
Banking	1.8	1.8	1.7	.0	.1
SERVICES	33.3	33.7	31.3	- .4	2.0
Health services	13.4	13.5	13.2	- .1	.2
GOVERNMENT	17.4	17.8	17.9	- .4	- .5
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.5	14.7	15.2	- .2	- .7
Local government education	8.3	8.5	8.9	- .2	- .6
Local government, except education	6.2	6.2	6.3	.0	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$447.92	$448.63	$434.68	40.1	40.2	40.1	$11.17	$11.16	$10.84
Durable Goods[e]	467.53	467.48	447.52	40.2	40.3	40.1	11.63	11.60	11.16
Primary metal industries	474.23	467.69	447.23	37.4	37.9	36.9	12.68	12.34	12.12
Fabricated metal products	538.56	544.07	521.66	44.0	43.7	43.8	12.24	12.45	11.91
Metal forgings and stampings	668.99	701.19	617.05	43.3	44.1	43.0	15.45	15.90	14.35
Nondurable Goods[f]	389.42	393.56	390.22	39.9	40.2	39.9	9.76	9.79	9.78
Food and kindred products	408.97	414.63	383.57	39.4	40.1	39.1	10.38	10.34	9.81
Rubber and misc. plastics products	469.95	463.93	479.42	44.8	44.1	45.4	10.49	10.52	10.56
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.88	519.47	497.74	41.5	41.0	41.0	12.72	12.67	12.14
WHOLESALE TRADE	344.82	342.95	319.38	36.8	36.1	36.5	9.37	9.50	8.75
RETAIL TRADE[h]	154.73	157.63	155.27	28.6	29.3	28.7	5.41	5.38	5.41

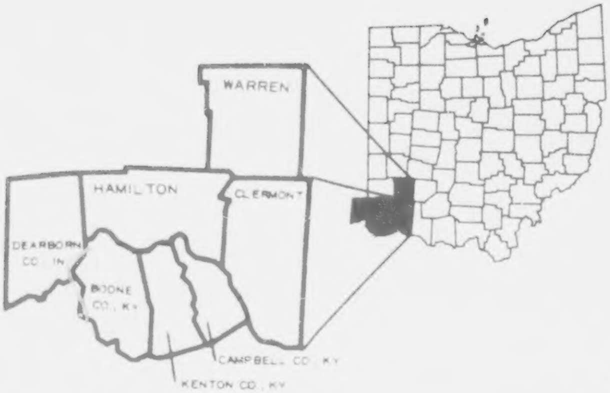
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, machinery except electrical, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile mill products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Depressed due to labor-management disputes.

Selected Administrative Prograrn Activities

	[illegible]uary 1986	December 1985	January 1985
Employment Service Program			
New Applicants	2,299	1,676	1,849
Active File of Job Seekers	20,415	19,670	25,263
Referrals to Jobs	903	841	803
Placements	344	309	329
Job Openings Received	474	367	523
Job Openings Unfilled	215	366	330
Unemployment Insurance Program			
Initial Claims	6,193	5,084	7,314*
Continued Claims	39,075	31,384	38,945*
First Payments	2,777	1,936	2,792
Last Payments	372	288	399
Weeks Compensated	31,671	21,477	27,283
Benefits Paid	$4,674,995	$3,208,059	$3,872,882
Average Weekly Payment	$151.80	$153.37	$146.15

* Revised

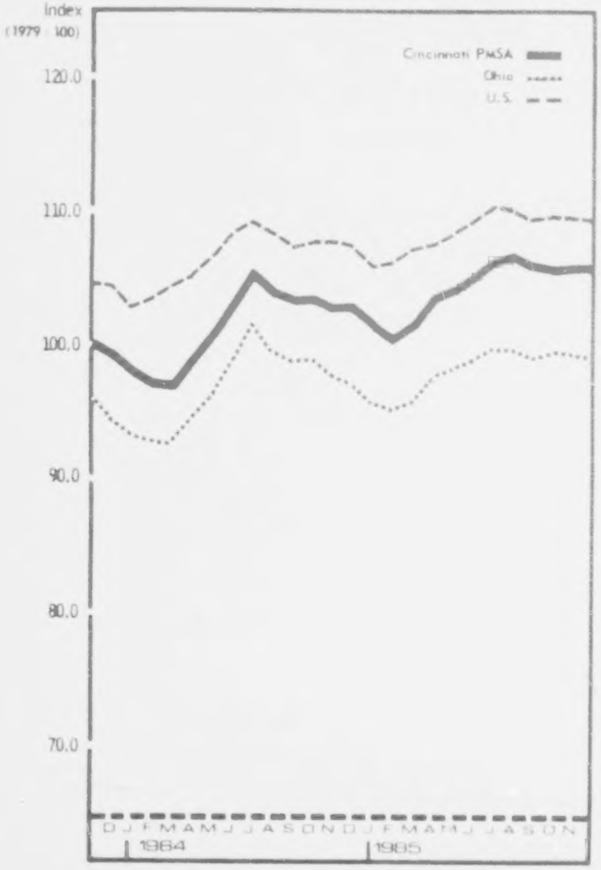
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



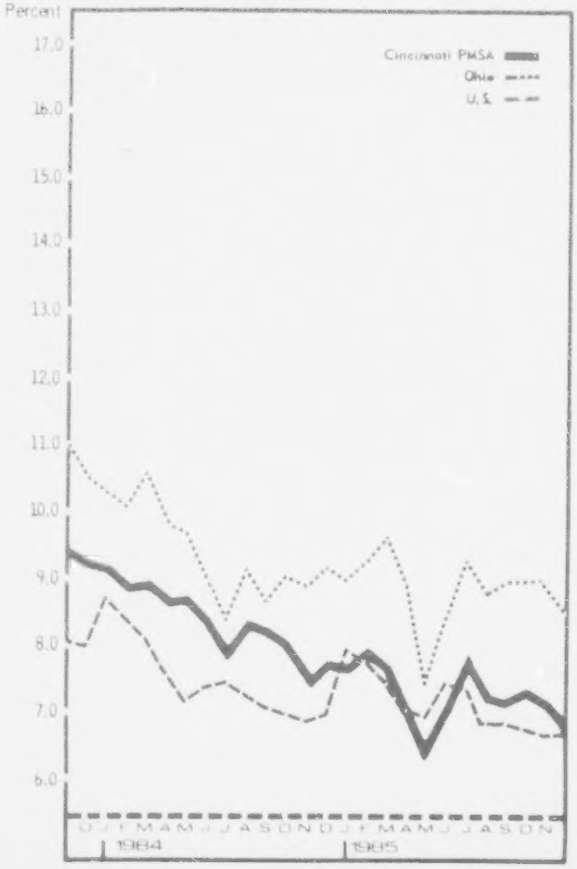
Nonfarm wage and salary employment in Cincinnati totaled 631,500 in January, down 14,200 from December. Manufacturing employment fell 1,500 to 148,000. Almost every industry in manufacturing and nonmanufacturing had lower employment levels. The largest declines were in nonmanufacturing with seasonal layoffs in retail trade, construction, services, and government. Manufacturing production workers had an average workweek of 41.9 hours, down .6 hours from December. Their earnings averaged $10.84 per hour, up 2¢.

Nonagricultural employment rose 26,800 from January 1985. All nonmanufacturing employment was up, especially in services, retail trade, and local schools. Gains in transportation equipment and in chemicals helped raise manufacturing employment by 3,700 over the year.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



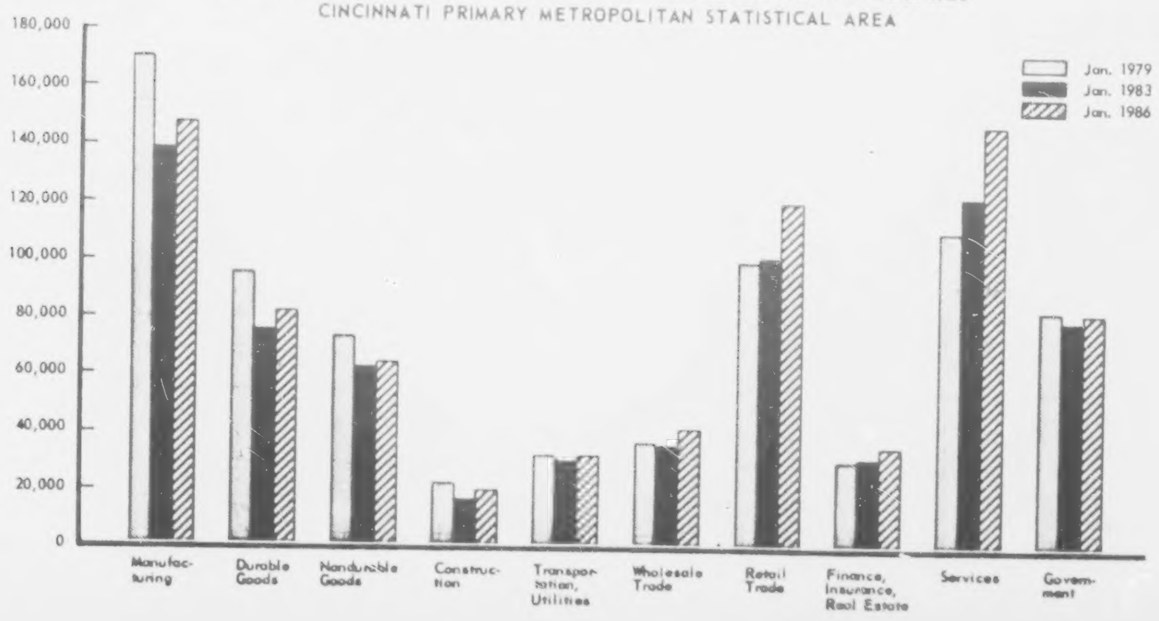
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
692.7	635.3	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
705.5	654.5	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1984						
698.4	644.7	53.7	7.7	December	620.5	147.1	97.8	465.04	42.9	10.84
				1985						
686.4	634.2	52.3	7.6	January	604.7	144.3	95.5	459.80	42.3	10.87
683.4	629.1	54.2	7.9	February	605.7	144.3	95.4	420.51	38.9	10.81
688.8	636.2	52.5	7.6	March	612.7	145.2	96.1	449.53	41.7	10.78
697.9	649.7	48.2	6.9	April	624.1	146.3	96.8	440.43	41.2	10.69
696.8	653.0	43.8	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
710.0	659.5	50.5	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
723.0	666.7	56.3	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
719.9	668.1	51.7	7.2	August	631.4	148.1	97.1	431.09	40.9	10.54
714.7	663.7	51.0	7.1	September	638.9	148.9	97.7	444.52	41.7	10.66
716.5	664.2	52.3	7.3	October	639.3	148.5	97.1	442.02	41.7	10.60
715.8	665.0	50.8	7.1	November	642.9	149.5	97.4	452.38	42.2	10.72
713.2	665.0	48.2	6.8	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
INA	INA	INA	INA	January	631.5	148.0	96.0	454.20	41.9	10.84

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	631.5	645.7	604.7	- 14.2	26.8
MANUFACTURING	148.0	149.5	144.3	- 1.5	3.7
Durable Goods[e]	83.4	84.6	81.4	- 1.2	2.0
Fabricated metal products	10.6	10.9	10.5[d]	- .3	.1
Fabricated structural metal products	3.7	3.9	3.8	- .1	- .1
Machinery, except electrical	21.6	21.7	21.6	- .2	.0
Metalworking machinery	9.6	9.6	9.7	- .1	- .2
General industrial machinery	2.9	3.0	3.0	.0	- .1
Electric and electronic equipment	7.7	7.6	8.3	.1	- .6
Transportation equipment	29.2	29.2	26.9	.0	2.3
Motor vehicles and equipment	10.1	10.1	10.2	.0	- .1
Nondurable Goods[f]	64.7	65.0	62.9	- .3	1.7
Food and kindred products	12.8	12.9	12.4	- .1	.4
Beverages	4.1	4.1	4.0	.0	.1
Apparel and other textile products	3.6	3.7	3.5	- .1	.2
Paper and allied products	6.0	6.1	5.8	- .1	.2
Printing and publishing	12.5	12.5	12.3	- .1	.2
Commercial printing	5.5	5.5	5.4	.0	.1
Chemicals and allied products	21.6	21.5	20.9	.0	.7
Rubber and misc. plastics products	5.2	5.2	5.4	.0	- .2
NONMANUFACTURING	483.5	496.2	460.4	- 12.7	23.1
CONSTRUCTION	21.0	24.0	19.8	- 3.0	1.2
TRANSPORTATION AND PUBLIC UTILITIES	32.8	33.8	32.7	- 1.0	.2
Trucking and warehousing	9.6	10.3	9.2	- .6	.4
Communication, electric, gas services	14.7	14.7	14.7	.0	.0
WHOLESALE TRADE	41.7	41.7	40.1	.0	1.6
Wholesale trade-durable goods	24.8	24.7	23.9	.0	.9
RETAIL TRADE	120.7	125.8	114.7	- 5.0	6.0
General merchandise stores	19.9	22.0	19.4	- 2.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	36.0	36.1	34.2	- .1	1.8
Banking	8.0	8.0	7.5	.0	.5
Insurance carriers	11.5	11.5	11.0	.0	.5
SERVICES	148.0	150.4	137.9	- 2.3	10.1
Hotels and other lodging places	5.9	6.0	5.6	- .1	.4
Personal services	7.8	7.7	7.3	.1	.5
Business services	34.5	34.7	29.6	- .3	4.9
Amusement and recreation services	5.1	6.2	5.0	- 1.0	.2
Health services	46.7	46.6	46.0	.1	.7
GOVERNMENT	82.7	84.0	80.7	- 1.3	2.0
Federal government	12.8	12.9	12.8	.0	.0
State government	18.8	19.1	18.2	- .3	.6
State government education	11.3	11.6	10.9	- .3	.4
State government, except education	7.5	7.5	7.3	.0	.3
Local government	51.1	52.1	49.7	- 1.0	1.4
Local government education	29.5	30.3	28.4	- .8	1.1
Local government, except education	21.6	21.8	21.3	- .2	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings[g]		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$454.20	$459.85	$459.80	41.9	42.5	42.3	$10.84	$10.82	$10.87
Durable Goods[e]	454.44	464.34	460.65	42.0	42.6	42.3	10.82	10.90	10.89
Fabricated metal products	399.73	391.46	388.52	41.9	41.6	41.2	9.54	9.41	9.43
Fabricated structural metal products	434.38	418.33	396.62	43.7	42.6	41.1	9.94	9.82	9.65
Machinery, except electrical	418.20	430.40	407.22	42.5	43.3	41.3	9.84	9.94	9.86
Metalworking machinery	457.92	479.39	452.86	42.4	43.9	41.7	10.80	10.92	10.86
General industrial machinery	368.26	404.89	366.53	41.1	42.8	40.5	8.96	9.46	9.05
Electric and electronic equipment	381.49	396.36	344.76	42.2	43.7	40.8	9.04	9.07	8.45
Transportation equipment	617.48	646.59	666.47	43.7	44.5	45.4	14.13	14.53	14.68
Motor vehicles and equipment	697.06	727.74	761.60	45.5	46.8	47.6	15.32	15.55	16.00
Nondurable Goods[f]	452.86	456.45	458.96	41.7	42.5	42.3	10.86	10.74	10.85
Food and kindred products	495.26	498.73	500.64	41.1	41.7	42.9	12.05	11.96	11.67
Beverages	513.76	485.44	463.25	42.6	41.0	40.6	12.06	11.84	11.41
Apparel and other textile products	214.03	213.40	214.81	39.2	39.3	35.1	5.46	5.43	6.12
Paper and allied products	406.81	411.09	381.30	42.2	42.6	41.0	9.64	9.65	9.30
Printing and publishing	441.28	477.47	438.45	39.4	41.7	40.9	11.20	11.45	10.72
Commercial printing	506.85	574.06	481.17	42.7	46.9	43.0	11.87	12.24	11.19
Chemicals and allied products	526.58	501.83	564.20	42.5	42.1	43.3	12.39	11.92	13.03
Rubber and misc. plastics products	438.90	447.64	367.36	47.5	49.3	44.8	9.24	9.08	8.20
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	509.84	509.55	481.03	39.4	39.5	39.3	12.94	12.90	12.24
WHOLESALE TRADE	382.58	381.19	364.21	40.7	40.9	40.2	9.40	9.32	9.06
RETAIL TRADE	157.61	159.29	156.95	28.9	30.1	29.6	5.45	5.45	5.37
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	240.77	242.90	233.35	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

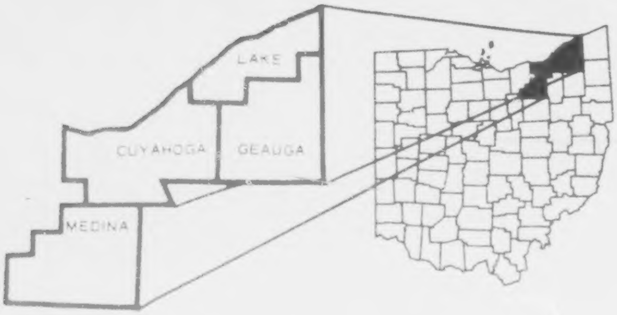
Selected Administrative Program Activities[a]

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	5,044	4,756	5,166*
Active File of Job Seekers	30,335	30,176	37,593
Referrals to Jobs	1,808	2,039	1,811
Placements	452	741	433
Job Openings Received	800	1,222	810
Job Openings Unfilled	1,649	2,073	2,110
Unemployment Insurance Program			
Initial Claims	7,795	8,518	9,407*
Continued Claims	61,390	47,879	68,100*
First Payments	4,600	2,414	4,559
Last Payments	823	670	1,007
Weeks Compensated	50,814	35,116	51,602
Benefits Paid	$7,110,419	$4,901,046	$7,230,267
Average Weekly Payment	$142.83	$141.47	$143.90*

* Revised

[a]Ohio data only

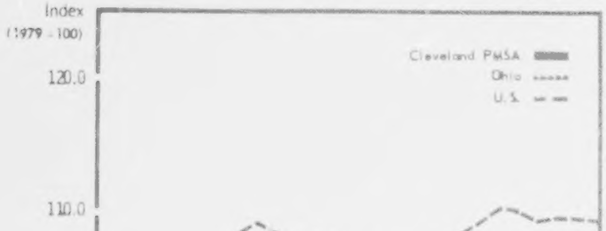
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



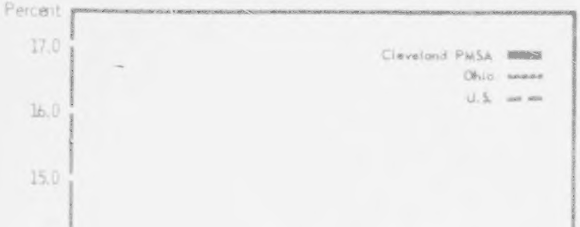
Cleveland's nonagricultural wage and salary employment in January, at 866,000, was down 18,200 from December. Most of the loss was in nonmanufacturing. Seasonal factors lowered employment in retail trade, construction, and services. Manufacturing employment fell 1,000, to 207,300 in January, due to scattered declines in durable-goods industries. Production workers in manufacturing earned an average of $11.34 per hour, down slightly from December. They worked an average of 41.8 hours per week, down .5 hours.

From January 1985 to January 1986, nonfarm employment in Cleveland rose 17,700. Most nonmanufacturing employment was up, with the largest gains in services and retail trade. Manufacturing employment fell 5,600 during the period. Most industries were lower, with the greatest losses occurring in nonelectrical machinery, primary metal industries, and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



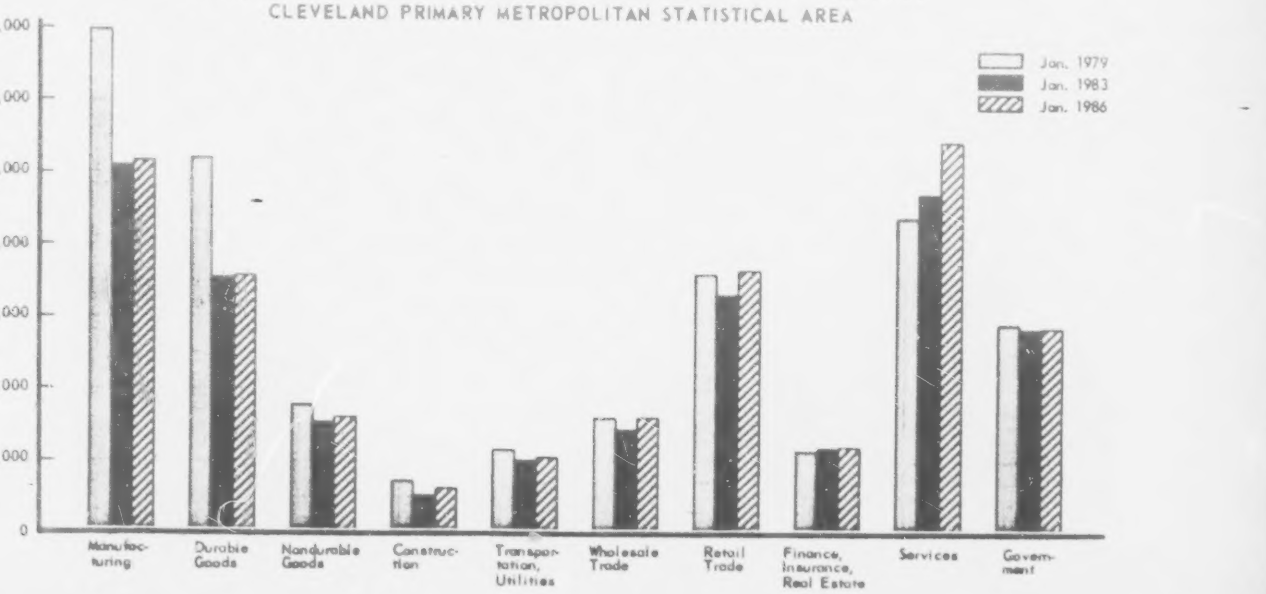
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.5	823.4	105.1	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
918.6	836.2	82.4	9.0	1984	854.5	213.8	137.5	456.12	42.0	10.86
915.1	838.6	76.4	8.4	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1984						
914.8	835.6	79.2	8.7	December	870.9	215.1	138.6	471.06	42.4	11.11
				1985						
896.2	823.0	73.1	8.2	January	848.3	212.9	136.9	472.64	42.2	11.20
890.7	817.1	73.7	8.3	February	845.2	212.1	136.4	461.90	41.5	11.13
900.6	820.8	79.8	8.9	March	851.4	212.3	136.2	468.00	42.2	11.09
908.9	832.2	76.7	8.4	April	861.6	211.3	135.0	464.82	41.8	11.12
900.2	834.2	66.0	7.3	May	870.6	212.0	135.6	469.14	42.0	11.17
920.7	843.6	77.1	8.4	June	876.8	212.3	136.0	472.22	42.2	11.19
942.8	858.3	84.5	9.0	July	878.9	210.7	134.4	452.76	40.9	11.07
934.5	855.9	78.5	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
922.9	841.3	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
926.0	846.7	79.3	8.6	October	880.6	208.9	134.1	467.58	41.6	11.24
921.7	845.5	76.2	8.3	November	882.7	208.9	134.8	467.58	41.6	11.24
915.8	844.8	70.9	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
INA	INA	INA	INA	January	866.0	207.3	133.5	474.01	41.8	11.34

INA information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	866.0	884.2	848.3	- 18.2	17.7
MANUFACTURING	207.3	208.3	212.9	- 1.0	- 5.6
Durable Goods*	143.4	144.2	148.3	- .8	- 4.8
Primary metal industries	22.4	22.5	23.2	- .1	- .8
Blast furnace and basic steel products	10.4	10.4	10.8	.0	- .4
Iron and steel foundries	5.6	5.7	5.8	- .1	- .2
Fabricated metal products	32.8	32.8	33.4	- .1	- .7
Fabricated structural metal products	3.8	3.7	3.6	.1	.2
Screw machine products, bolts, etc.	4.7	4.8	4.9	- .1	- .2
Metal forgings and stampings	10.8	10.8	11.4	.0	- .6
Machinery, except electrical	32.1	32.4	33.8	- .3	- 1.7
Construction and related machinery	3.2	3.2	4.2	.0	- 1.0
Metalworking machinery	10.0	10.2	10.7	- .1	- .7
Special industry machinery	3.6	3.7	3.7	.0	- .1
General industrial machinery	3.0	3.0	3.0	.0	.0
Electric and electronic equipment	19.1	19.3	19.9	- .2	- .8
Electrical industrial apparatus	6.9	6.8	7.1	.0	- .2
Transportation equipment	19.8	19.8	20.3	.0	- .5
Motor vehicles and equipment	12.7	12.7	13.2	.0	- .6
Instruments and related products	7.8	7.8	7.9	.0	- .1
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods	63.9	64.1	64.7	- .2	- .8
Food and kindred products	7.0	7.2	6.9	- .2	.1
Apparel and other textile products	4.8	4.8	4.9	.0	- .1
Paper and allied products	5.2	5.2	5.5	.0	- .3
Printing and publishing	15.6	15.6	15.8	- .1	- .2
Chemicals and allied products	13.5	13.6	14.0	- .1	- .5
Rubber and misc. plastics products	12.1	12.0	11.8	.2	.3
NONMANUFACTURING	658.7	675.9	635.4	- 17.2	23.3
CONSTRUCTION	24.8	28.4	24.1	- 3.6	.7
TRANSPORTATION AND PUBLIC UTILITIES	41.5	42.6	40.0	- 1.1	1.6
Trucking and warehousing	11.6	12.3	10.8	- .7	.8
Communication, electric, gas services	18.7	18.7	18.0	.0	.6
WHOLESALE TRADE	64.0	64.0	62.1	.1	2.0
Wholesale trade-durable goods	44.4	44.8	43.2	- .3	1.2
RETAIL TRADE	145.6	153.1	141.7	- 7.5	3.9
General merchandise stores	20.4	22.5	21.7	- 2.1	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	49.4	49.7	48.6	- .3	.9
Banking	13.0	13.0	12.7	.0	.3
Credit agencies other than banks	8.0	7.9	7.9	.0	.1
Insurance carriers	11.2	11.3	11.1	- .1	.0
SERVICES	217.5	220.9	203.8	- 3.3	13.8
Business services	47.2	47.8	41.7	- .6	5.5
Amusement and recreation services	6.3	6.8	7.2	- .7	- 1.0
Health services	68.1	68.1	65.5	.0	2.6
GOVERNMENT	114.7	116.1	114.0	- 1.4	.7
Federal government	20.0	20.0	19.4	.0	.6
State government	7.7	8.2	7.6	- .5	.1
State government education	2.7	3.2	2.6	- .5	.1
State government, except education	5.0	5.0	5.0	- .1	.0
Local government	87.0	87.9	87.0	- .9	.0
Local government education	43.0	44.3	43.0	- 1.3	.0
Local government, except education	44.1	43.7	44.1	.4	.0

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$474.01	$480.11	$472.64	41.8	42.3	42.2	$11.34	$11.35	$11.20
Durable Goods[e]	504.71	513.17	503.76	42.2	42.8	42.8	11.96	11.99	11.77
Primary metal industries	584.30	591.33	569.08	42.9	43.1	42.5	13.62	13.72	13.39
Blast furnace and basic steel products	513.50	512.75	483.48	37.4	37.4	36.0	13.73	13.71	13.43
Iron and steel foundries	846.69	888.41	835.38	50.7	52.6	51.0	16.70	16.89	16.38
Fabricated metal products	476.40	483.78	478.08	41.9	42.4	42.8	11.37	11.41	11.17
Fabricated structural metal products	366.62	379.25	351.90	40.2	41.0	41.4	9.12	9.25	8.50
Screw machine products, bolts, etc.	444.02	420.73	398.82	42.9	42.2	42.7	10.35	9.97	9.34
Metal forgings and stampings	609.62	622.86	633.29	43.7	44.3	45.3	13.95	14.06	13.98
Machinery, except electrical	453.28	453.00	492.60	41.7	42.1	44.1	10.87	10.76	11.17
Construction and related machinery	403.85	422.84	440.92	42.2	44.0	40.6	9.57	9.61	10.86
Metalworking machinery	388.88	397.79	412.57	39.4	40.1	41.8	9.87	9.92	9.87
Special industry machinery	488.88	530.52	482.38	42.0	43.7	41.3	11.64	12.14	11.68
General industrial machinery	435.75	449.65	432.79	41.5	42.5	42.1	10.50	10.58	10.28
Electric and electronic equipment	418.48	417.11	401.65	40.2	40.3	39.3	10.41	10.35	10.22
Electrical industrial apparatus	454.98	418.43	413.20	41.1	39.4	40.0	11.07	10.62	10.33
Transportation equipment	684.37	717.07	666.81	45.9	47.3	46.5	14.91	15.16	14.34
Motor vehicles and equipment	720.36	763.37	709.89	46.0	47.8	47.2	15.66	15.97	15.04
Instruments and related products	440.50	438.05	364.59	43.7	43.5	40.6	10.08	10.07	8.98
Measuring and controlling devices	402.90	403.43	398.04	42.1	42.2	42.3	9.57	9.56	9.41
Nondurable Goods[f]	395.60	396.06	390.46	40.7	41.0	40.8	9.72	9.66	9.57
Food and kindred products	380.38	371.78	394.42	41.8	42.2	41.3	9.10	8.81	9.55
Apparel and other textile products	281.20	292.96	273.74	37.0	38.7	38.5	7.60	7.57	7.11
Paper and allied products	448.42	455.84	443.99	43.2	44.0	43.7	10.38	10.36	10.16
Printing and publishing	384.43	385.76	379.24	37.0	37.2	37.4	10.39	10.37	10.14
Chemicals and allied products	475.17	484.32	483.07	42.2	42.8	42.3	11.26	11.33	11.42
Rubber and misc. plastics products	393.32	378.38	363.80	43.8	42.9	42.5	8.98	8.82	8.56
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	562.63	568.86	514.70	41.8	42.2	40.4	13.46	13.48	12.74
WHOLESALE TRADE	386.12	387.03	362.09	39.4	39.9	39.4	9.80	9.70	9.19
RETAIL TRADE[h]	174.93	179.42	170.47	27.9	26.8	27.9	6.27	6.23	6.11
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	281.02	290.00	258.69	....	....	....	.....	.....	.....

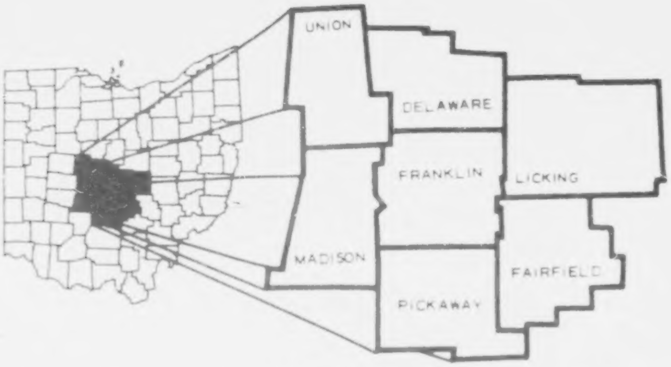
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	6,935	7,288	11,708
Active File of Job Seekers	116,033	116,889	117,419
Referrals to Jobs	1,712	1,638	1,925
Placements	703	512	451
Job Openings Received	1,207	1,120	1,163
Job Openings Unfilled	1,759	2,391	1,996
Unemployment Insurance Program			
Initial Claims	12,980	14,317	15,219*
Continued Claims	121,122	90,730	127,250*
First Payments	7,686	4,783	8,759
Last Payments	1,625	1,510	1,339
Weeks Compensated	92,833	65,113	89,626
Benefits Paid	$13,916,899	$9,562,867	$13,211,218
Average Weekly Payment	$153.07	$149.50	$150.41

*Revised.

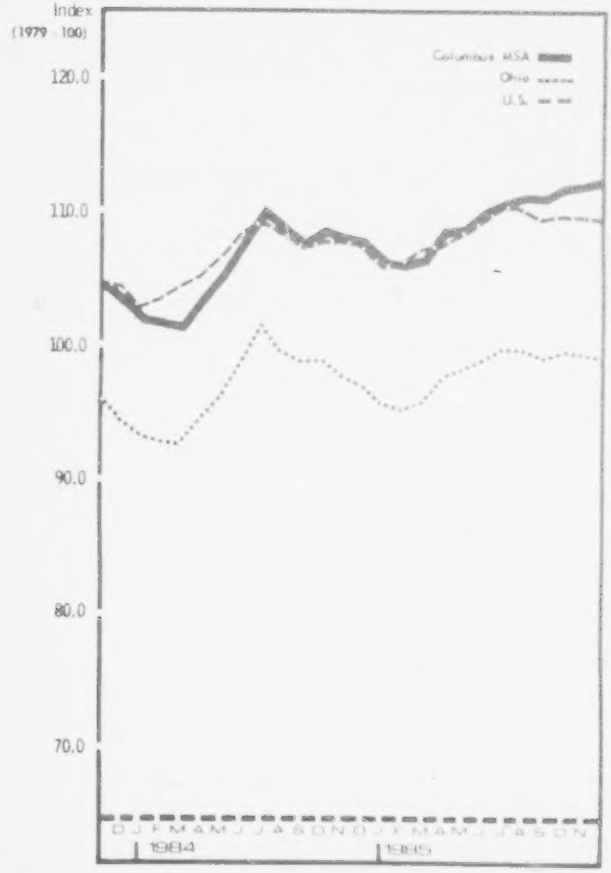
COLUMBUS
METROPOLITAN
STATISTICAL
AREA



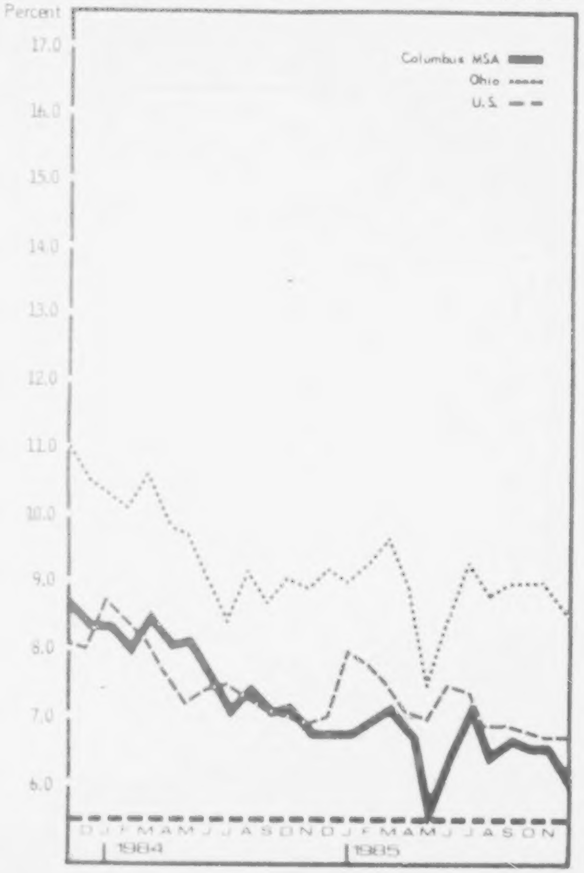
Nonagricultural wage and salary employment in Columbus dropped 14,200 in January, to 617,200. The decrease was concentrated in nonmanufacturing, with seasonal declines in retail trade, state government education, and construction. Manufacturing employment, at 107,300, was up 200, due to increased employment in glass and glassware and transportation equipment. Average hourly earnings of factory production workers fell 5¢, to $11.03. Their average workweek was down .7 hours, to 41.1 hours.

January 1986 nonfarm wage and salary employment was up 36,900 jobs from January 1985. Services, retail trade, and finance, insurance, and real estate had the largest increases in nonmanufacturing. Significant gains in transportation equipment and printing and publishing were partially offset by losses in electric and elctronic equipment, fabricated metal products, and stone, clay, and glass products, as manufacturing employment rose 2,000 over the year.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



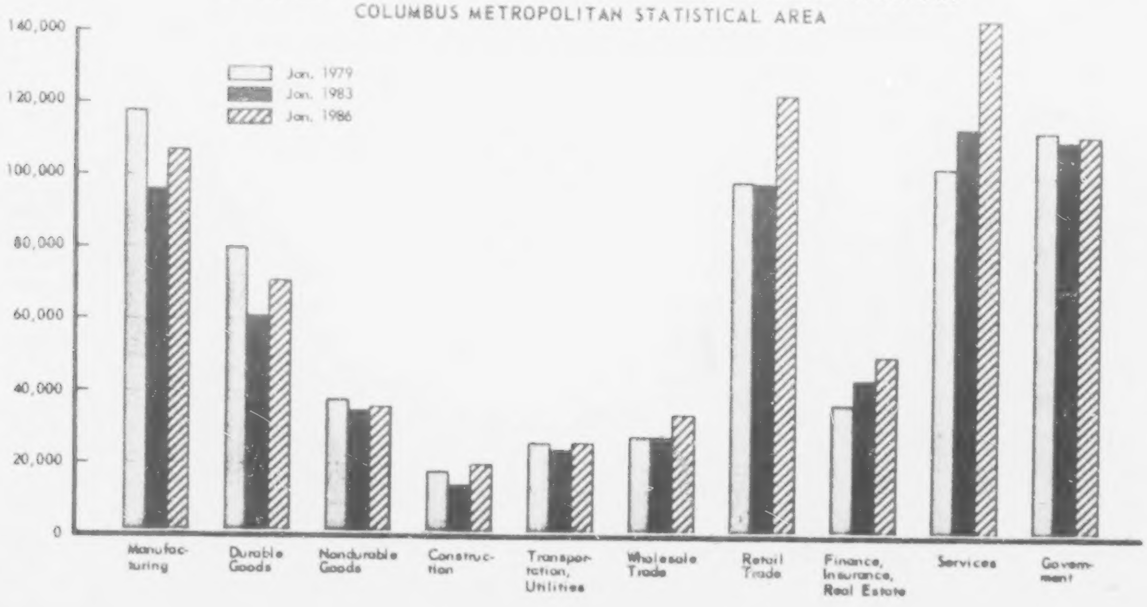
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.6	587.4	60.2	9.3	1983	548.5	98.7	INA	INA	INA	INA
660.9	611.3	49.6	7.5	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
676.7	632.5	44.2	5.5	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1984						
665.3	621.0	44.3	6.7	December	598.1	106.2	71.1	447.44	41.7	10.73
				1985						
654.6	610.8	43.8	6.7	January	580.2	105.3	70.4	428.79	40.3	10.64
655.6	610.5	45.1	6.9	February	584.1	105.4	70.7	409.32	37.9	10.80
662.6	615.7	47.0	7.1	March	589.5	105.2	70.3	452.45	41.7	10.85
670.1	626.1	44.1	6.6	April	599.1	105.2	70.3	441.72	40.9	10.80
664.5	627.7	36.8	5.5	May	606.3	105.7	70.8	433.76	40.5	10.71
678.0	634.8	43.3	6.4	June	610.1	105.9	70.7	442.65	41.1	10.77
686.7	637.6	49.1	7.2	July	602.6	105.4	70.2	439.42	40.8	10.77
685.0	641.6	43.5	6.3	August	606.5	105.9	70.7	440.49	40.9	10.77
684.9	639.8	45.1	6.6	September	616.4	106.8	71.6	454.53	41.7	10.90
693.2	647.9	45.3	6.5	October	623.9	106.7	71.2	445.26	41.0	10.86
694.1	648.7	45.4	6.5	November	627.4	106.8	71.3	456.62	41.7	10.95
691.1	649.5	41.6	6.0	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
INA	INA	INA	INA	January	617.2	107.3	71.4	453.33	41.1	11.03

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	617.2	631.4	580.2	- 14.2	36.9
MANUFACTURING	107.3	107.1	105.3	.2	2.0
Durable Goods[e]	71.4	71.0	69.9	.4	1.4
Stone, clay, and glass products	11.5	11.4	11.9	.1	- .4
Glass and glassware, pressed or blown	4.4	4.2	5.1	.3	- .7
Fabricated metal products	10.3	10.3	10.8	.0	- .5
Fabricated structural metal products	3.0	3.0	3.2	.0	- .2
Machinery, except electrical	10.4	10.3	10.8	.1	- .4
Electric and electronic equipment	11.1	11.1	12.0	.0	- .9
Transportation equipment	16.4	16.2	13.0	.2	3.4
Instruments and related products	4.4	4.5	4.2	- .1	.2
Nondurable Goods[f]	36.0	36.1	35.3	- .2	.6
Food and kindred products	9.6	9.7	9.7	- .1	- .1
Printing and publishing	9.8	9.8	9.3	.0	.6
Chemicals and allied products	6.8	6.8	6.9	.0	.0
Rubber and misc. plastics products	5.3	5.3	5.1	.0	.2
NONMANUFACTURING	509.9	524.3	475.0	- 14.4	34.9
CONSTRUCTION	20.1	22.0	18.2	- 1.9	1.8
TRANSPORTATION AND PUBLIC UTILITIES	25.8	26.3	25.7	- .5	.0
Trucking and warehousing	10.8	11.2	10.5	- .4	.3
Communication, electric, gas services	11.1	11.1	11.5	.0	- .4
WHOLESALE TRADE	34.0	34.2	32.1	- .2	1.9
Wholesale trade-durable goods	22.8	22.9	21.1	- .1	1.7
RETAIL TRADE	123.2	129.4	111.9	- 6.2	11.3
General merchandise stores	16.3	18.7	16.4	- 2.5	- .1
FINANCE, INSURANCE, AND REAL ESTATE	50.5	50.3	47.6	.2	2.9
Banking	11.1	11.1	10.1	.0	1.0
Insurance carriers	19.7	19.7	18.9	.1	.8
SERVICES	143.6	144.4	129.0	- .8	14.6
Business services	32.4	32.4	27.8	.0	4.6
Health services	36.6	36.5	35.0	.1	1.6
GOVERNMENT	111.8	116.7	109.3	- 4.9	2.6
Federal government	15.5	15.4	14.8	.0	.7
State government	47.0	51.8	45.8	- 4.8	1.2
State government education	18.6	23.2	17.9	- 4.6	.7
State government, except education	28.4	28.6	27.9	- .2	.5
Local government	49.3	49.4	48.7	- .1	.6
Local government education	29.4	29.7	29.1	- .2	.3
Local government, except education	19.9	18.8	19.6	.1	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$453.33	$463.14	$428.79	41.1	41.8	40.3	$11.03	$11.08	$10.64
Durable Goods[e]	470.50	483.84	443.30	41.2	42.0	40.3	11.42	11.52	11.00
Stone, clay, and glass products	466.87	468.03	462.84	39.7	39.9	39.9	11.76	11.73	11.60
Glass and glassware, pressed or blown	427.89	425.25	429.03	37.9	37.8	37.9	11.29	11.25	11.32
Fabricated metal products	504.70	530.45	478.74	40.8	42.2	40.4	12.37	12.57	11.85
Fabricated structural metal products	401.60	424.32	385.97	40.2	41.6	40.5	9.99	10.20	9.53
Machinery, except electrical	407.82	423.54	414.29	40.1	41.2	41.1	10.17	10.28	10.08
Electric and electronic equipment	471.86	481.24	439.82	41.5	42.4	40.8	11.37	11.35	10.78
Transportation equipment	535.62	555.34	499.15	43.3	43.9	41.7	12.37	12.65	11.97
Instruments and related products	406.62	403.22	341.00	42.4	42.4	38.1	9.59	9.51	8.95
Nondurable Goods	416.15	416.12	393.16	41.0	41.2	40.2	10.15	10.10	9.78
Food and kindred products	394.58	393.26	365.38	40.1	40.5	38.3	9.84	9.71	9.54
Printing and publishing	485.18	495.73	441.72	39.9	40.7	38.3	12.16	12.18	11.52
Chemicals and allied products	507.40	512.87	481.93	43.0	43.3	42.8	11.80	11.84	11.26
Rubber and misc. plastics products	331.43	315.46	336.49	41.9	40.6	41.8	7.91	7.77	8.05
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	545.61	549.51	502.34	40.9	41.1	39.9	13.34	13.37	12.59
WHOLESALE TRADE	304.59	306.89	294.89	39.0	38.7	38.7	7.81	7.93	7.62
RETAIL TRADE	169.07	174.32	159.88	29.1	29.9	28.0	5.81	5.83	5.71
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	245.52	241.53	233.64	....	....	....	.....	.....	.....

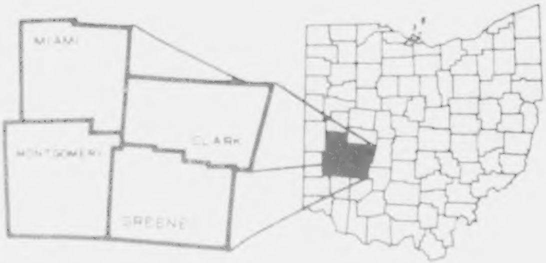
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1986	December 1985	January 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	5,171	4,583	7,105
Active File of Job Seekers	42,3[illegible]	40,653	58,580
Referrals to Jobs	2,[illegible]	1,875	2,083
Placements	30[illegible]	829	423
Job Openings Received	1,336	1,402	1,405
Job Openings Unfilled	10,562	7,579	5,444
Unemployment Insurance Program			
Initial Claims	[illegible],726	8,890	10,507*
Continued Claims	67,87[illegible]	48,[illegible]	66,860*
First Payments	4,777	2,720	4,883*
Last Payments	721	563	723
Weeks Compensated	52,84[illegible]	35,[illegible]	48,352*
Benefits Paid	$7,689,730	$5,[illegible]	$6,763,716
Average Weekly Payment	$148.88	$148.82	$142.34

*Revised.

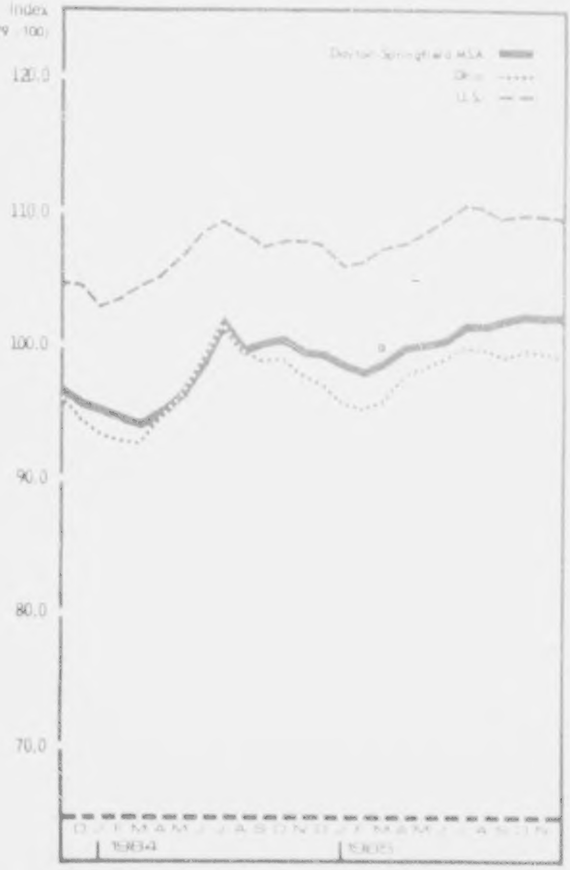
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA



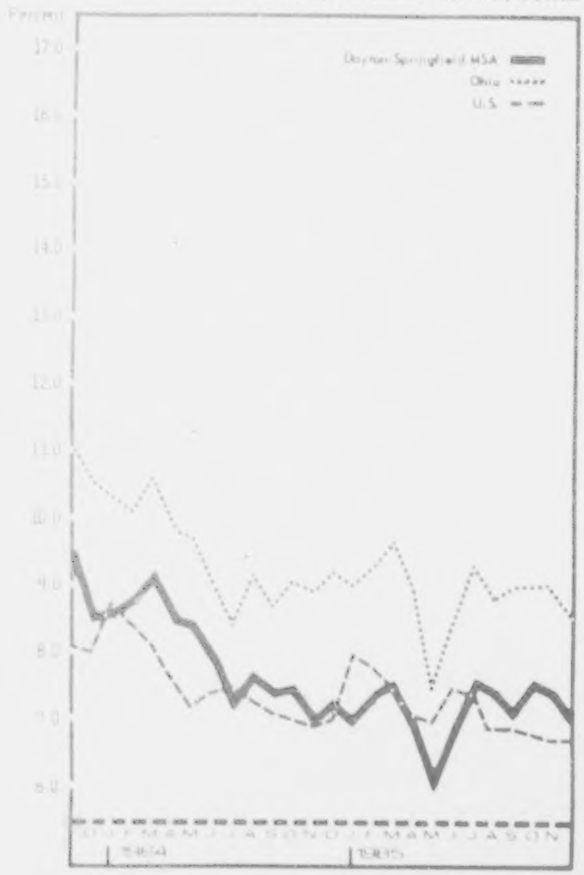
Nonfarm wage and salary employment in the Dayton-Springfield area, at 410,700, was down 7,400 from December. The decrease was concentrated in nonmanufacturing, especially in retail trade and construction. Scattered decreases, mainly in durable goods, lowered manufacturing employment 700, to 105,900. Production workers in manufacturing earned an average of $12.24 an hour for a workweek of 43.5 hours, down 9¢ and 1.1 hours, respectively.

Gains in services and in retail trade helped increase nonagricultural employment in the Dayton-Springfield area by 14,200 from January 1985. Construction and wholesale trade employment were also up in nonmanufacturing. Cutbacks in nonelectrical machinery were overshadowed by advances in transportation equipment and most nondurable goods industries, as manufacturing employment rose 800 over the year.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



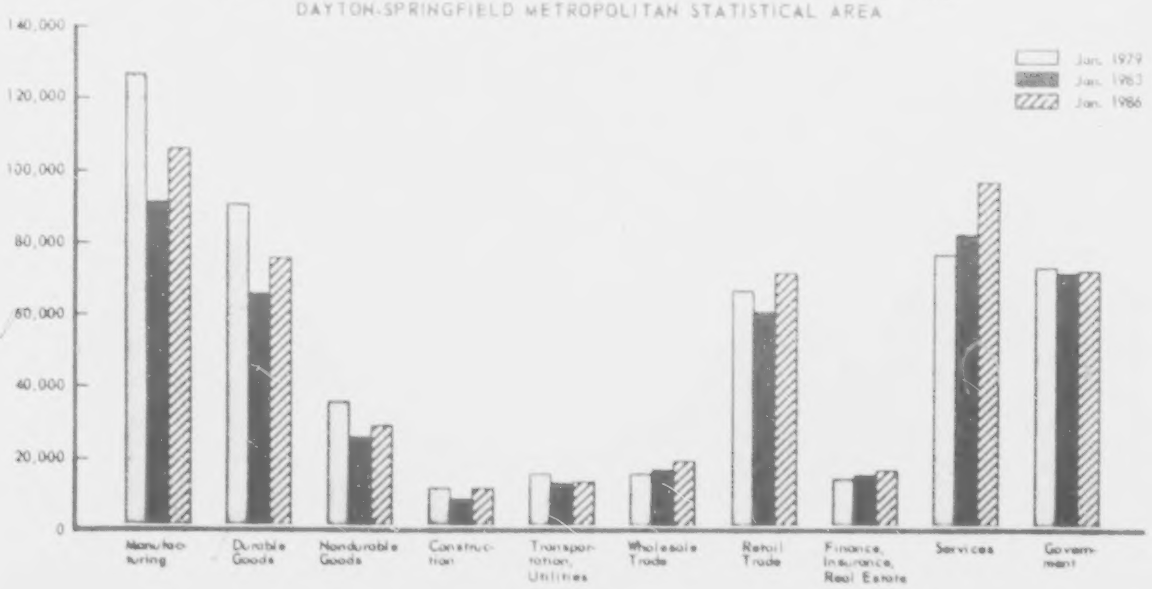
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.4	391.9	46.5	10.6	1983	372.3	95.5	INA	INA	INA	INA
444.5	409.2	35.3	7.9	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
452.8	420.4	32.4	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1984						
448.1	415.3	32.7	7.3	December	404.3	105.8	69.1	517.73	44.1	11.74
				1985						
442.4	411.5	30.9	7.0	January	396.5	105.1	68.6	509.95	43.4	11.75
441.6	409.0	32.7	7.4	February	395.4	105.6	68.7	482.70	40.7	11.86
447.2	413.2	34.0	7.6	March	401.0	106.3	69.4	505.13	43.1	11.72
448.3	417.5	30.8	6.9	April	405.7	106.3	69.1	511.49	43.2	11.84
444.8	418.3	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
450.4	419.4	31.0	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
459.3	424.4	34.9	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
458.4	[illegible]	34.1	[illegible]	August	408.5	106.4	68.4	503.11	42.6	11.81
457.7	[illegible]	[illegible]	7.1	September	414.2	107.1	69.4	528.77	43.7	12.10
462.2	427.1	35.1	7.6	October	416.5	107.0	69.5	509.50	42.6	11.96
461.7	427.4	34.2	7.4	November	417.4	106.6	69.4	518.15	43.0	12.05
459.0	427.0	32.0	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
INA	INA	[illegible]	[illegible]	January	[illegible]	105.6	68.7	532.44	43.5	12.24

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	410.7	418.2	396.5	- 7.4	14.2
MANUFACTURING	105.9	106.6	105.1	- .7	.8
Durable Goods'	76.4	77.0	76.5	- .5	- .1
Fabricated metal products	8.1	8.2	8.2	- .2	- .1
Machinery, except electrical	32.1	32.0	33.1	.0	- 1.0
Metalworking machinery	7.2	7.0	7.0	.2	.2
General industrial machinery	2.5	2.7	2.9	- .1	- .4
Electric and electronic equipment	5.3	5.5	5.7	- .2	- .4
Electrical industrial apparatus	2.9	3.0	2.9	- .1	.0
Transportation equipment	22.0	22.2	20.5	- .1	1.5
Nondurable Goods	29.5	29.8	28.6	- .2	.9
Food and kindred products	3.0	3.0	3.0	.0	.0
Paper and allied products	5.9	5.8	5.7	.1	.2
Printing and publishing	8.5	8.6	8.2	- .1	.3
Rubber and misc. plastics products	8.4	8.4	8.2	.0	.3
NONMANUFACTURING	304.8	311.6	291.4	- 6.7	13.4
CONSTRUCTION	12.2	14.4	10.9	- 2.2	1.2
TRANSPORTATION AND PUBLIC UTILITIES	14.4	14.7	14.0	- .3	.4
Communication, electric, gas services	5.9	5.9	6.1	.0	- .1
WHOLESALE TRADE	19.5	19.6	18.7	- .1	.8
Wholesale trade, durable goods	13.3	13.3	12.8	.0	.5
RETAIL TRADE	72.4	76.0	68.1	- 3.6	4.3
General merchandise stores	11.4	13.0	11.7	- 1.6	- .3
FINANCE, INSURANCE, AND REAL ESTATE	16.8	16.8	16.2	.0	.7
Banking	4.2	4.1	4.0	.1	.2
Credit agencies other than banks	4.5	4.5	4.2	.0	.3
Insurance carriers	2.8	2.8	3.1	.0	- .3
SERVICES	96.8	96.6	91.3	.2	5.5
Business services	21.6	21.5	18.8	.0	2.8
Health services	34.0	34.0	33.4	.1	.6
Educational services	7.0	6.8	7.3	.2	- .3
GOVERNMENT	72.5	73.2	72.0	- .7	.5
Federal government	27.5	27.7	26.6	- .2	.9
State government	6.5	6.7	6.3	- .2	.2
State government education	3.9	4.1	3.7	- .2	.2
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.4	38.8	39.1	- .3	- .7
Local government education	24.4	24.5	24.7	- .2	- .4
Local government, except education	14.1	14.2	14.4	- .1	- .3

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	532.44	549.92	509.95	43.5	44.6	43.4	$12.24	$12.33	$11.75
Durable Goods[e]	552.20	570.52	519.91	44.0	45.1	43.8	12.55	12.65	11.87
Fabricated metal products	353.23	383.72	346.94	39.6	41.8	41.5	8.92	9.18	8.36
Machinery, except electrical	558.45	582.63	542.53	43.8	45.2	44.8	12.75	12.89	12.11
Metalworking machinery	516.35	585.14	542.16	44.9	48.6	46.9	11.50	12.04	11.56
General industrial machinery	398.20	437.64	405.08	39.9	42.0	41.0	9.98	10.42	9.88
Electric and electronic equipment	400.10	381.22	354.41	42.7	41.8	41.5	9.37	9.12	8.54
Electrical industrial apparatus	471.30	437.31	394.19	45.1	43.6	42.8	10.45	10.03	9.21
Transportation equipment	709.33	735.53	666.25	47.1	48.2	45.2	15.06	15.26	14.74
Nondurable Goods[f]	476.86	493.19	481.37	42.2	43.3	42.3	11.30	11.39	11.38
Food and kindred products	392.94	379.76	383.78	44.4	43.6	41.4	8.85	8.71	9.27
Paper and allied products	446.76	462.67	425.97	44.9	45.9	43.6	9.95	10.08	9.77
Printing and publishing	425.98	434.11	404.79	39.7	40.8	39.3	10.73	10.64	10.30
Rubber and misc. plastics products	606.32	641.82	635.48	42.4	43.9	44.1	14.30	14.62	14.41
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	533.17	539.68	496.44	40.3	40.7	39.4	13.23	13.26	12.60
WHOLESALE TRADE	386.10	378.40	373.69	40.9	41.4	41.8	9.44	9.14	8.94
RETAIL TRADE[h]	157.76	162.11	153.17	29.0	30.3	27.9	5.44	5.35	5.49

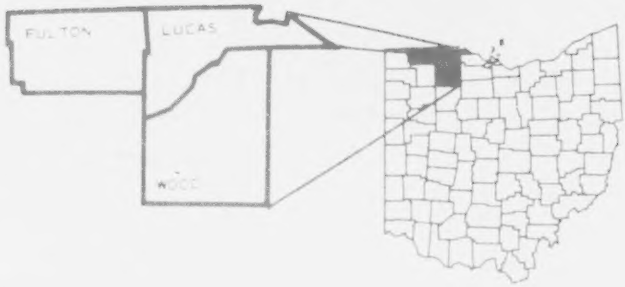
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	3,852	3,349	3,490
Active File of Job Seekers	32,268	30,899	36,541
Referrals to Jobs	1,813	1,399	1,835
Placements	354	310	41[illegible]
Job Openings Received	841	527	791
Job Openings Unfilled	1,102	1,352	1,204
Unemployment Insurance Program			
Initial Claims	5,368	5,229	5,588*
Continued Claims	43,411	35,256	43,441*
First Payments	2,873	1,933	2,957
Last Payments	564	468	497
Weeks Compensated	36,884	26,068	33,423
Benefits Paid	$5,139,875	$3,610,514	$4,345,300
Average Weekly Payment	$142.06	$141.65	$132.76

*Revised

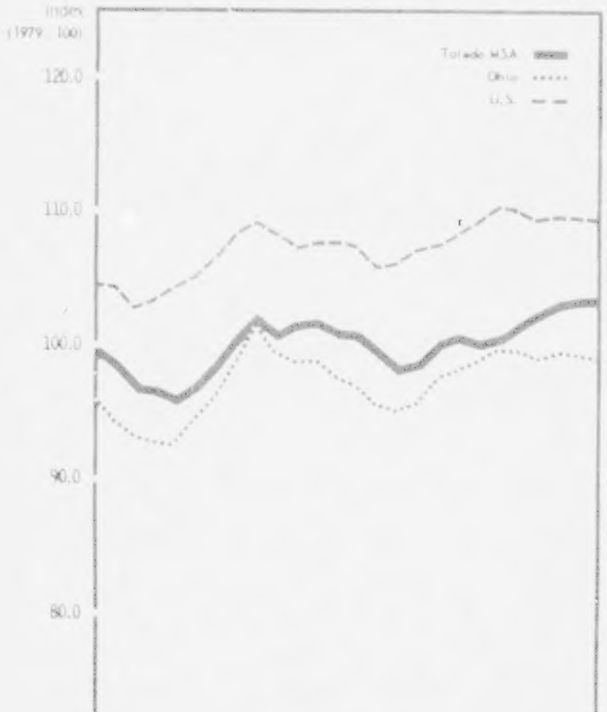
TOLEDO
METROPOLITAN STATISTICAL AREA



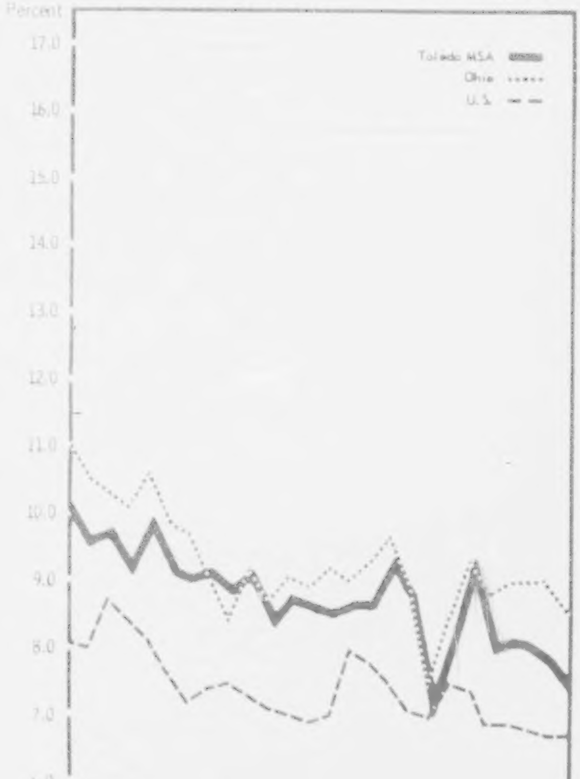
Toledo's nonagricultural wage and salary employment dropped 7,500 in January, to 266,700. Retail trade, government, and construction were down seasonally. Most other nonmanufacturing employment was down as well. Manufacturing employment was down fractionally to 66,200. Factory production workers earned an average of $12.42 per hour, down 3¢ from December. They had an average workweek of 42.9 hours, down .3 hours.

Nonfarm employment in Toledo increased 10,700 from January 1985 to January 1986. The largest nonmanufacturing gains were in services and retail trade. Manufacturing employment rose 1,600 from January 1985 as a large increase in transportation equipment was tempered by a loss in stone, clay, and glass products.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



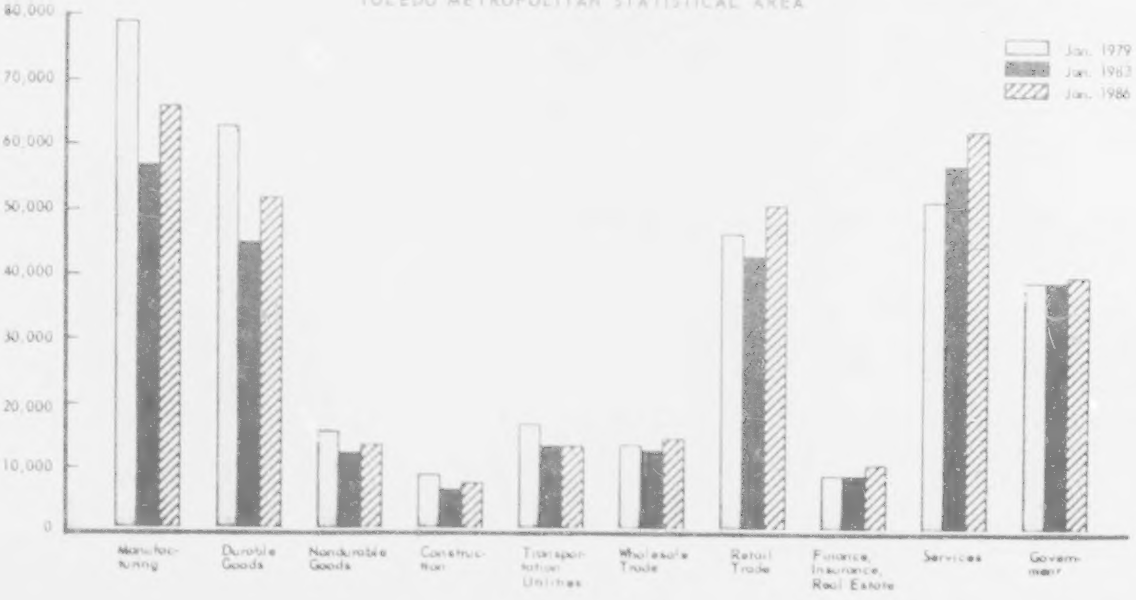
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.8	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	254.7	78.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	68.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	59.2	INA	INA	INA	INA
289.1	258.1	33.0	11.4	1983	246.5	59.6	INA	INA	INA	INA
291.3	265.1	26.2	9.0	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
291.6	268.4	24.2	8.0	1985	264.6	65.5	46.2	523.55	42.6	12.29
				1985						
293.8	268.0	25.8	8.8	December	264.9	66.1	49.5	533.05	44.2	12.06
				1986						
289.4	264.3	25.0	8.6	January	258.0	64.8	45.2	529.48	43.4	12.20
286.7	261.2	24.8	8.6	February	260.2	64.6	46.7	507.55	41.5	12.23
290.0	267.0	23.1	8.3	March	260.1	65.6	46.5	519.21	42.7	12.16
293.0	267.8	24.1	8.2	April	263.0	64.7	47.4	507.83	41.9	12.12
288.7	260.8	28.2	7.6	May	266.3	66.6	46.6	513.15	42.2	12.16
290.4	268.0	23.3	8.1	June	265.6	65.1	45.8	517.65	42.5	12.18
298.2	268.6	27.6	9.3	July	268.2	64.3	44.8	517.37	42.2	12.26
294.8	271.2	23.1	7.7	August	269.3	66.8	47.4	531.42	43.1	12.33
297.3	273.3	24.0	8.1	September	269.8	66.7	46.8	536.00	43.1	12.46
299.5	275.7	23.8	8.0	October	271.7	66.3	47.0	537.93	43.0	12.51
299.7	276.2	23.5	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
298.3	276.2	22.1	7.4	December	270.2	66.2	46.1	537.84	43.2	12.45
				1987						
INA	INA	INA	INA	January	266.7	66.2	46.0	527.82	42.5	12.42

[illegible]

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	January 1986[b]	December 1985[c]	January 1985[c]	From Last Month	From Last Year
TOTAL	266.7	274.2	256.0	- 7.5	10.7
MANUFACTURING	66.2	66.2	64.6	.1	1.6
Durable Goods[e]	52.3	52.4	51.1	- .1	1.3
Stone, clay, and glass products	8.7	8.9	9	- .1	- .6
Primary metal industries	3.4	3.4	3.5	.0	- .1
Fabricated metal products	8.0	7.9	7.8	.1	.2
Metal forgings and stampings	3.7	3.7	3.8	.0	.0
Machinery, except electrical	6.2	6.2	6.3	.0	- .1
Electric and electronic equipment	3.0	3.0	3.3	.0	- .3
Transportation equipment	19.1	19.1	17.2	.0	1.9
Motor vehicles and equipment	17.9	18.0	16.0	- .1	1.9
Nondurable Goods[f]	13.6	13.6	13.3	.0	.3
Food and kindred products	3.7	3.7	3.5	.1	.2
Rubber and misc. plastics products	2.9	2.9	2.8	.0	.1
NONMANUFACTURING[g]	200.6	208.0	191.4	- 7.4	9.1
CONSTRUCTION	8.0	9.1	7.3	- 1.1	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.9	14.4	13.7	- .5	.2
Trucking and warehousing	5.3	5.7	5.4	- .4	.0
Communication, electric, gas services	4.8	4.8	4.7	.0	.1
WHOLESALE TRADE	14.7	14.9	14.6	- .2	.0
Wholesale trade-durable goods	9.7	9.9	9.8	- .2	- .1
RETAIL TRADE	50.8	54.1	47.9	3.3	3.0
General merchandise stores	7.0	8.1	7.3	1.1	- .3
FINANCE, INSURANCE, AND REAL ESTATE	10.6	10.7	9.8	- .1	.8
Banking	3.6	3.6	3.4	.0	.2
SERVICES	62.5	62.9	58.7	- .4	3.8
Business services	11.6	11.5	10.1	.1	1.5
Health services	24.9	24.8	24.1	.1	.8
GOVERNMENT	40.2	42.0	39.2	1.8	1.0
State government	14.4	15.6	14.0	- 1.2	.5
State government education	10.6	11.8	10.2	- 1.2	.4
State government, except education	3.8	3.9	3.8	.0	.0
Local government	23.3	23.7	22.9	- .5	.4
Local government education	13.4	13.7	13.1	- .4	.2
Local government, except education	9.5	10.0	9.7	- .1	.2

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	532.82	537.84	529.48	42.9	43.2	43.4	12.42	12.45	12.20
Durable Goods[e]	559.00	566.77	561.00	43.3	43.8	44.0	12.91	12.94	12.75
Stone, clay, and glass products	601.58	593.97	494.36	45.3	45.1	41.3	13.28	13.17	11.97
Primary metal industries	500.83	537.04	512.65	44.4	47.4	47.6	11.28	11.33	10.77
Fabricated metal products	484.57	501.62	489.92	42.1	42.8	42.9	11.51	11.72	11.42
Metal forgings and stampings	555.30	599.84	565.02	42.1	44.4	43.8	13.19	13.51	12.90
Machinery, except electrical	461.07	466.09	434.36	42.3	42.8	40.9	10.90	10.89	10.62
Electric and electronic equipment	526.66	537.59	486.26	42.2	42.7	41.0	12.48	12.59	11.86
Transportation equipment	652.18	655.87	701.45	43.8	43.9	46.3	14.89	14.94	15.15
Motor vehicles and equipment	652.88	656.56	705.15	43.7	43.8	46.3	14.94	14.99	15.23
Nondurable Goods[f]	427.24	426.40	404.67	41.2	41.0	41.0	10.37	10.40	9.87
Food and kindred products	441.86	454.16	428.74	40.5	41.1	40.6	10.91	11.05	10.56
Rubber and misc. plastics products	320.78	310.34	306.00	39.7	38.6	40.8	8.08	8.04	7.50
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	592.35	581.83	529.34	42.8	42.5	40.5	13.84	13.69	13.07
WHOLESALE TRADE	340.05	345.95	293.22	37.7	38.1	35.2	9.02	9.08	8.33
RETAIL TRADE	151.46	158.24	155.40	28.1	29.8	28.0	5.39	5.31	5.55

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

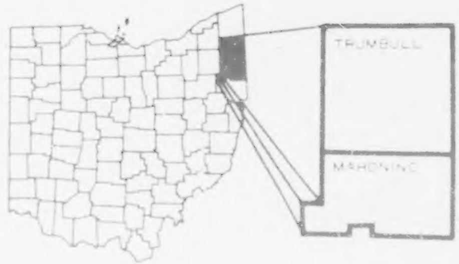
Selected Administrative Program Activities

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	2,650	2,106	2,964
Active File of Job Seekers	25,800	26,047	37,590
Referrals to Jobs	879	1,007	1,252
Placements	328	813	497
Job Openings Received	457	723	732
Job Openings Unfilled	586	731	970
Unemployment Insurance Program			
Initial Claims	6,653	5,650	8,918*
Continued Claims	34,347	26,422	39,203*
First Payments	2,371	1,622	2,509
Last Payments	376	361	454
Weeks Compensated	27,987	18,727	29,210
Benefits Paid	$4,232,261	$2,650,991	$4,117,638
Average Weekly Payment	$147.48	$145.35	$145.50

*Revised

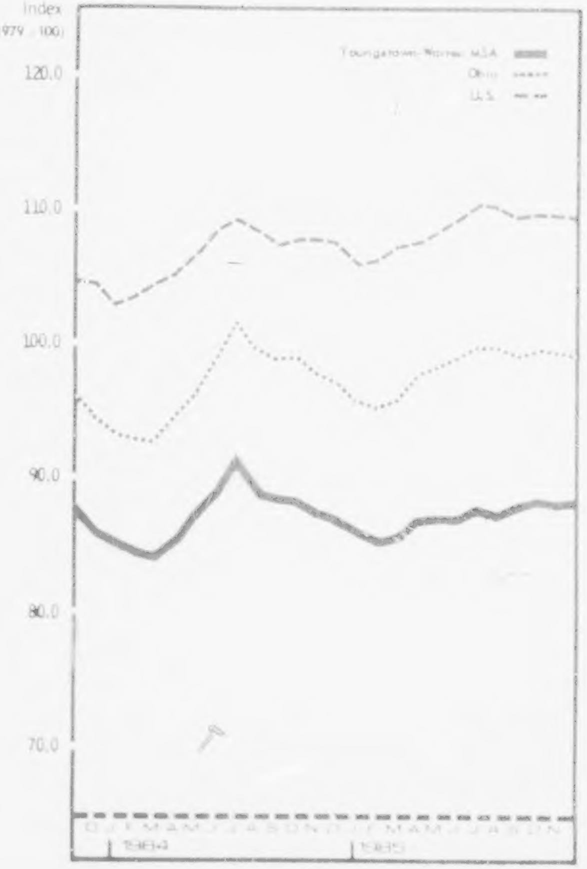
YOUNGSTOWN - WARREN

METROPOLITAN STATISTICAL AREA

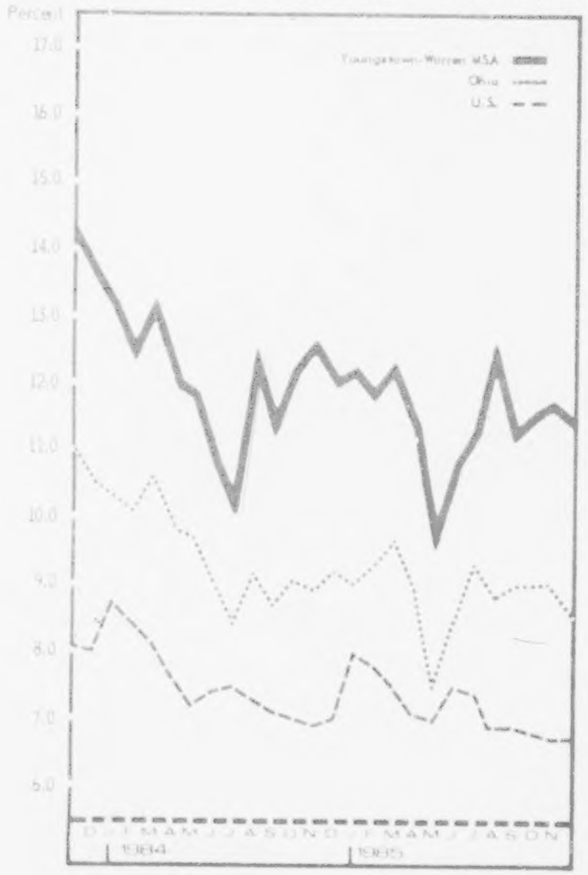


January nonagricultural wage and salary employment in the Youngstown-Warren area, at 183,900, was down 4,300 from December. Most of the loss was in nonmanufacturing, due to seasonal decreases in retail trade and construction. Scattered declines in durable-goods industries lowered manufacturing employment 200, to 52,700. Production workers had an average workweek of 42.1 hours in January, down 2.2 hours from December. Their average earnings were $13.55 per hour, down 32¢.

Nonagricultural employment rose 5,700 between January 1985 and January 1986. Retail trade and services had the greatest increases, while construction and wholesale trade were also up significantly. Manufacturing employment gained only 100 from January 1985, as a sizable gain in transportation equipment was offset by losses in other durable-goods industries.


INDEXES OF TOTAL EMPLOYMENT

YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES

YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

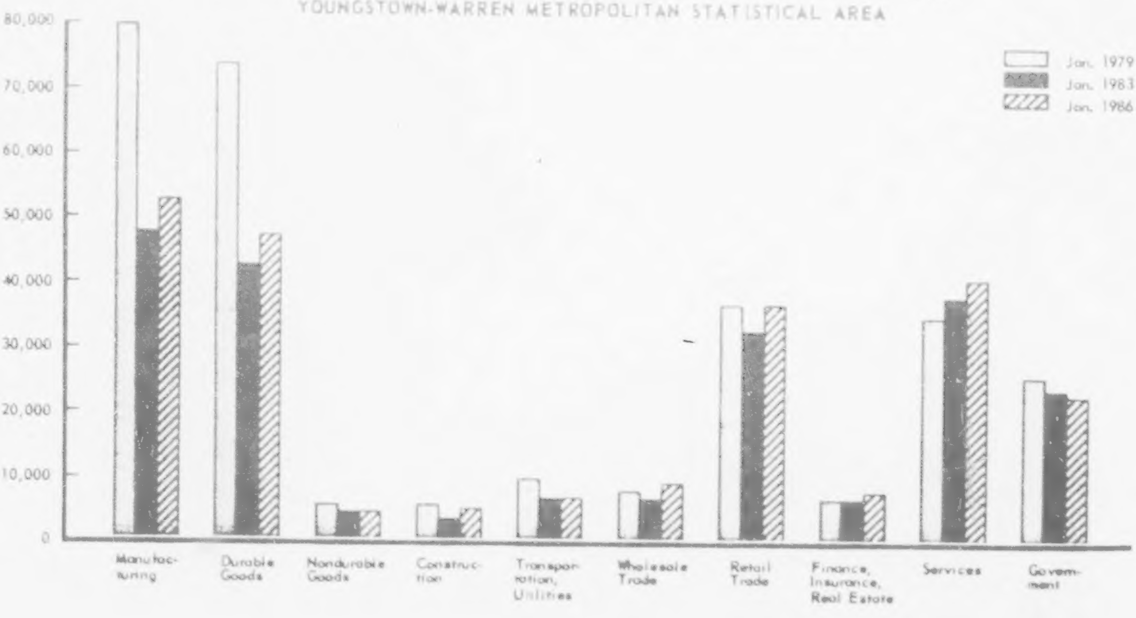
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.5	188.1	37.4	15.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
218.1	191.9	26.2	12.0	1984	182.5	55.1	41.8	555.97	43.3	12.84
216.4	191.6	24.9	11.5	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1984						
217.2	191.2	26.0	12.0	December	184.5	54.0	41.1	563.30	43.0	13.10
				1985						
214.8	188.4	26.1	12.2	January	178.2	52.6	39.9	585.20	44.0	13.30
212.3	187.2	25.1	11.8	February	178.5	52.5	39.9	552.02	42.3	13.05
214.8	188.4	26.4	12.3	March	180.5	53.0	40.4	558.99	42.9	13.03
215.4	191.0	24.4	11.3	April	182.9	52.9	40.3	551.59	42.3	13.04
212.1	191.7	20.4	9.6	May	185.7	52.8	40.1	579.88	43.6	13.30
215.2	191.8	23.3	10.8	June	185.2	52.8	39.9	563.68	42.8	13.17
218.1	193.4	24.7	11.3	July	184.0	52.3	39.4	569.67	42.8	13.31
219.4	191.8	27.6	12.6	August	181.3	49.4	36.5	535.35	41.5	12.90
217.6	193.2	24.4	11.2	September	186.5	53.2	39.9	552.82	42.2	13.10
219.8	194.4	25.3	11.5	October	187.8	53.3	40.0	589.63	44.4	13.28
218.2	192.5	25.8	11.7	November	187.7	52.7	39.5	599.42	44.5	13.47
218.0	193.0	25.0	11.4	December	188.3	52.8	39.7	614.44	44.3	13.87
				1986						
INA	INA	INA	INA	January	183.9	52.7	39.4	570.46	42.1	13.55

*NA = Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown - Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	January 1988[b]	December 1987[c]	January 1987[c]	From Last Month	From Last Year
TOTAL	183.9	188.2	178.2	– 4.3	5.7
MANUFACTURING	52.7	52.9	52.6	– .2	.1
Durable Goods[e]	47.5	47.7	47.4	– .2	.1
Primary metal industries	20.7	20.9	21.0	– .2	– .3
Blast furnace and basic steel products	6.7	6.7	7.0	.0	– .3
Fabricated metal products	7.6	7.7	7.3	– .1	.3
Machinery, except electrical	3.4	3.4	3.9	.0	– .5
Electric and electronic equipment	2.5	2.5	2.8	.0	– .3
Transportation equipment	9.9	9.5	8.6	.4	1.3
Nondurable Goods	5.3	5.2	5.2	.0	.0
NONMANUFACTURING	131.2	135.4	125.6	– 4.2	5.6
CONSTRUCTION	5.8	6.8	5.1	– 1.0	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.4	7.6	7.3	– .2	.1
Communication, electric, gas services	3.0	3.0	3.0	.0	.0
WHOLESALE TRADE	9.0	9.1	8.3	– .1	.7
Wholesale trade-durable goods	6.0	6.1	5.5	– .1	.5
RETAIL TRADE	37.0	40.8	34.8	– 3.8	2.2
General merchandise stores	5.9	6.4	6.1	– .5	– .2
FINANCE, INSURANCE, AND REAL ESTATE	7.1	7.1	6.7	.0	.4
Banking	2.6	2.6	2.5	.0	.1
SERVICES	40.7	41.1	39.4	– .4	1.3
Health services	17.8	17.9	18.0	– .1	– .2
GOVERNMENT	23.1	24.0	23.0	– .9	.1
State government	3.9	4.1	3.7	– .2	.2
State government education	2.3	2.6	2.2	– .3	.1
State government, except education	1.6	1.5	1.5	.1	.0
Local government	17.7	17.9	17.5	– .2	.2
Local government education	11.2	11.4	11.2	– .2	.0
Local government, except education	6.4	6.4	6.2	.0	.2

Youngstown - Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]	Jan. 1986[b]	Dec. 1985[c]	Jan. 1985[c]
MANUFACTURING	$570.45	$614.44	$585.20	42.1	44.3	44.0	$13.55	$13.87	$13.30
Durable Goods[e]	589.24	635.10	606.54	42.3	44.6	44.5	13.93	14.24	13.63
Primary metal industries	571.05	586.71	589.82	40.3	41.0	42.1	14.17	14.31	14.01
Blast furnace and basic steel products	487.71	488.07	506.33	36.1	36.1	38.3	13.51	13.52	13.22
Fabricated metal products	554.45	627.29	598.41	40.5	44.3	43.3	13.69	14.16	13.82
Machinery, except electrical	471.83	501.93	451.27	40.5	42.9	39.9	11.65	11.70	11.31
Electric and electronic equipment	410.26	399.09	394.92	39.6	38.3	37.9	10.36	10.42	10.42
Transportation equipment	792.50	897.62	845.93	49.5	54.6	55.8	16.01	16.44	15.16
Nondurable Goods[f]	357.48	372.37	358.90	39.5	40.3	38.8	9.05	9.24	9.25
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.87	532.77	490.42	41.0	41.3	40.1	12.87	12.90	12.23
WHOLESALE TRADE	322.62	320.29	310.95	38.0	37.2	37.6	8.49	8.61	8.27
RETAIL TRADE[h]	161.31	167.74	160.45	28.5	29.9	28.4	5.66	5.61	5.65

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	January 1986	December 1985	January 1985
Employment Service Program			
New Applicants	2,879	2,259	3,226
Active File of Job Seekers	33,072	32,265	45,487
Referrals to Jobs	1,087	880	1,678
Placements	254	381	398
Job Openings Received	415	502	576
Job Openings Unfilled	383	487	541
Unemployment Insurance Program			
Initial Claims	7,418	6,209	7,934*
Continued Claims	41,618	30,708	46,854*
First Payments	3,084	2,276	3,234
Last Payments	377	315	492
Weeks Compensated	32,849	23,803	38,023
Benefits Paid	$4,754,508	$3,535,855	$5,706,695
Average Weekly Payment	$149.00	$152.81	$156.61

*Revised.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C. 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 11,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\underset{\text{(current month)}}{\text{Sample Employment}}}{\underset{\text{(previous month)}}{\text{Sample Employment}}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours, from which average hours and earnings data are derived, follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisors level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind excluded.

Hours.—Represents hours worked or paid for during pay periods which include 12th of month for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	January 1986	December 1985	January 1985
New Applicants	[illegible]	41,270	55,541
Active File of Job Seekers	[illegible]	[illegible]	557,994
Counseling Interviews	[illegible]	[illegible]	[illegible]
Tests Administered	[illegible]	[illegible]	[illegible]
General Aptitude Tests	[illegible]	[illegible]	[illegible]
Proficiency Tests	[illegible]	[illegible]	[illegible]
Specific Aptitude Tests	[illegible]	[illegible]	[illegible]
Referrals to Jobs	[illegible]	[illegible]	[illegible]
Placements	[illegible]	[illegible]	[illegible]
Job Openings Received	[illegible]	[illegible]	[illegible]
Job Openings Unfilled	[illegible]	[illegible]	[illegible]

Selected Unemployment Insurance Activities

Activity	January 1986	December 1985	January 1985
Initial Claims	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
First Payments	[illegible]	[illegible]	[illegible]
Last Payments	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
Average Monthly Benefit Recipients	[illegible]	[illegible]	[illegible]
Weeks Compensated	[illegible]	[illegible]	[illegible]
Benefits Paid	[illegible]	[illegible]	[illegible]
Average Weekly Payment	[illegible]	[illegible]	[illegible]
Continued Claims for [illegible] Week	[illegible]	[illegible]	[illegible]
Insured Unemployment Rate	[illegible]	[illegible]	[illegible]
Net Contributions	[illegible]	[illegible]	[illegible]
Active Employer Accounts	[illegible]	[illegible]	[illegible]

1/ Revised

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Ohio
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Labor Market Review

February 1986

Summary The seasonally adjusted unemployment rate in Ohio fell from 9.0 percent in January to 8.7 percent in February. The national rate, however, at 7.3 percent in February, was up from the January rate of 6.7 percent. Ohio's total employment increased by 132,000 workers in February, to 4,890,000, according to the monthly household survey. Employment reached a new all time high of 4,890,000, breaking the earlier record level of December 1978. The civilian labor force gained 131,000 to reach an all-time high of 5,357,000. There were 467,000 unemployed workers in February, about the same as in January. The monthly survey of employers showed Ohio's seasonally adjusted nonagricultural wage and salary employment to be virtually unchanged from January, at 4,482,000. (See page 3.)

Factory Employment Manufacturing employment in Ohio decreased .2 percent from January, to 1,128,000, seasonally adjusted, in February. Durable-goods employment fell by 4,000, while nondurable-goods industries increased by 1,000.

Nonmanufacturing Seasonally adjusted nonmanufacturing employment in Ohio in February, at 3,354,000, was on par with January. Retail trade rose 4,000, with smaller increases in services, finance, insurance, and real estate, and wholesale trade. Government employment fell 4,000, while construction and mining also showed declines.

Over the Year Total employment in Ohio rose 212,000, or 4.5 percent, between February 1985 and February 1986. The civilian labor force increased by 222,000 people in the same period. Since last February, Ohio's unemployment rate has declined from 8.9 percent to 8.7 percent, while the national rate was unchanged at 7.3 percent. The number of unemployed Ohioans rose 10,000, to 467,000 in February 1986. Nonagricultural wage and salary employment rose 154,000, or 3.6 percent, over the year, due to gains in services and retail trade. Losses in durable-goods industries dropped manufacturing employment by 5,000. Mining also had an employment loss from the previous year.

Factory Hours and Earnings Average weekly earnings and hours of Ohio production workers in February, at $488.25 and 42.2 hours, respectively, were unchanged from January. Reduced overtime lowered earnings in motor vehicles and equipment, miscellaneous plastics products, and in rolling and drawing of nonferrous metals. Higher earnings due to more overtime occurred in electric lighting and wiring equipment, general industrial machinery, aircraft and parts, and metalworking machinery. (Hours and earnings data are not seasonally adjusted. See pages 12 and 13.)

Benefits and Costs Initial claims filed under the Ohio Unemployment Compensation Law numbered 63,826 in February, down 37.7 percent from January, and down 6.0 percent from February 1985. Total benefits paid this month were $81.3 million, down 7.9 percent from January. The average weekly number of benefit recipients was 136,532 in February, compared

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

with 125,191 in January and 140,546 last February. The average benefit check, at $150.26, was up $1.21 from January. There were 190,708 active employer accounts at the end of February.

Employment Service. The Ohio Bureau of Employment Services assisted 44,265 new job applicants in February, down 14.9 percent from January. There were 9,277 new job openings reported by employers, up 1.5 percent. The Employment Services Division made 20,342 job referrals and 4,593 placements. (See page 49.)

SAVE MONEY, HIRE A VET

The Emergency Veterans' Job Training Program (EVJTA) was created to help industry fill permanent positions that involve significant training of at least six months to Korean conflict and Vietnam-era veterans.

- Employers are provided with 50 percent of the starting wage, up to $10,000 per veteran, when they hire and train veterans in a growth industry or a technology-based or demand occupation.
- Training will be funded for between six and nine months.
- Half the cost of training (up to $10,000) paid directly to the employer is invoiced quarterly. Small businesses can arrange to invoice monthly.

Contact your nearest local OBES office for further information.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	February 1986	January 1986	February 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data							
Civilian Labor Force	5,357	5,228	5,135	131	222	2.5	4.3
Employment	4,890	4,758	4,678	132	212	2.8	4.5
Unemployment	467	468	457	-1	10	-0.2	2.2
Unemployment Rate	8.7	9.0	8.9				
Employer Survey Data							
Total	4,482	4,483	4,328	-1	154	0.0	3.6
Manufacturing	1,128	1,130	1,133	-2	-5	-0.2	-0.5
Durable Goods	770	774	778	-4	-8	-0.5	-1.0
Nondurable Goods	358	357	356	1	2	0.4	0.6
Nonmanufacturing	3,354	3,353	3,195	1	159	0.0	5.0
Mining	26	27	27	0	-1	-0.4	-1.9
Construction	158	160	148	-2	11	-1.0	7.3
Transportation and Public Utilities	204	204	203	0	1	-0.1	0.5
Wholesale Trade	253	252	244	0	9	0.1	3.7
Retail Trade	824	820	771	4	53	0.5	6.9
Finance, Insurance and Real Estate	224	223	215	1	9	0.4	4.1
Services	992	991	929	2	63	0.2	6.8
Government	673	677	658	-4	15	-0.5	2.2
Goods Producing Industries	1,312	1,317	1,308	-4	5	-0.3	0.4
Service Producing Industries	3,170	3,167	3,021	3	148	0.1	4.9

[a]Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b]Changes are computed from unrounded numbers. [c]Percentages are computed from unrounded numbers. [d]From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e]From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f]Includes Mining, Construction, and Manufacturing. [g]Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1984					
February	5,065	4,577	488	9.6	7.8
March	[illegible]	4,517	535	10.4	7.8
April	5,036	4,536	500	9.9	7.8
May	5,093	4,567	526	10.3	7.5
June	5,087	4,617	470	9.2	7.2
July	5,143	4,712	431	8.4	7.5
August	5,154	4,667	487	9.5	7.5
September	5,128	4,669	459	8.9	7.4
October	5,123	4,644	479	9.3	7.3
November	[illegible]	4,638	444	8.7	7.1
December	[illegible]	4,658	487	[illegible]	7.2
1985					
January	[illegible]	4,667	444	8.7	7.4
February	[illegible]	[illegible]	427	[illegible]	7.3
March	5,143	[illegible]	477	9.2	7.3
April	5,148	4,666	482	[illegible]	7.3
May	[illegible]	[illegible]	422	[illegible]	7.3
June	[illegible]	4,617	440	8.7	7.3
July	[illegible]	4,629	474	9.3	7.3
August	5,156	4,668	488	9.0	7.1
September	[illegible]	4,679	475	[illegible]	7.1
October	5,154	[illegible]	[illegible]	[illegible]	7.1
November	[illegible]	[illegible]	[illegible]	8.8	7.0
December	[illegible]	[illegible]	[illegible]	[illegible]	6.9
1986					
January	[illegible]	[illegible]	485	[illegible]	6.7
February	[illegible]	[illegible]	[illegible]	[illegible]	7.3

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural	Manufacturing	Durable	Nondurable
1984				
February	4,212	1,116	765	351
March	4,208	1,118	766	352
April	4,219	1,123	771	353
May	4,230	1,126	773	354
June	4,253	1,129	775	354
July	[illegible]	1,133	778	354
August	4,295	1,136	781	355
September	[illegible]	1,130	775	354
October	4,306	1,132	777	356
November	[illegible]	1,135	780	355
December	[illegible]	1,137	782	355
1985				
January	4,322	1,134	779	355
February	4,326	1,133	778	355
March	4,347	1,129	774	355
April	[illegible]	1,127	772	355
May	[illegible]	1,127	772	355
June	4,367	1,123	769	354
July	4,374	1,118	767	352
August	4,384	1,115	763	353
September	4,394	[illegible]	757	353
October	[illegible]	[illegible]	763	352
November	[illegible]	[illegible]	767	354
December	[illegible]	1,126	772	354
1986				
January	4,483	1,130	774	357
February	[illegible]	[illegible]	[illegible]	356

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

	Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance Insurance & Real Estate	Services	Government
1984									
February	3,096	26	141	[illegible]	[illegible]	[illegible]	[illegible]	882	654
March	[illegible]	26	139	[illegible]	233	[illegible]	212	890	652
April	[illegible]	26	139	[illegible]	234	737	[illegible]	[illegible]	653
May	[illegible]	29	143	[illegible]	[illegible]	738	211	897	652
June	3,124	29	145	[illegible]	[illegible]	744	212	904	651
July	3,134	[illegible]	146	224	236	[illegible]	212	907	651
August	3,151	29	147	224	238	754	212	911	654
September	[illegible]	[illegible]	[illegible]	227	239	755	212	913	660
October	3,174	28	150	224	240	760	213	918	661
November	3,186	24	149	223	241	765	214	922	662
December	3,190	27	151	223	242	767	214	925	667
1985									
January	[illegible]	27	151	223	243	[illegible]	215	927	654
February	[illegible]	27	149	223	244	[illegible]	215	929	658
March	3,213	27	151	[illegible]	244	[illegible]	216	934	662
April	3,231	27	154	223	245	781	216	943	663
May	3,245	27	156	223	246	787	216	950	664
June	3,244	26	153	222	247	786	216	948	663
July	3,259	26	153	222	246	792	219	955	666
August	3,268	26	155	222	247	791	219	959	667
September	3,284	26	155	222	248	798	220	964	670
October	3,294	26	156	223	249	803	221	968	669
November	3,308	26	156	223	250	806	222	975	670
December	3,323	26	156	224	251	809	222	984	675
1986									
January	3,353	27	160	224	252	820	223	991	677
February	3,354	26	158	204	253	824	224	992	673

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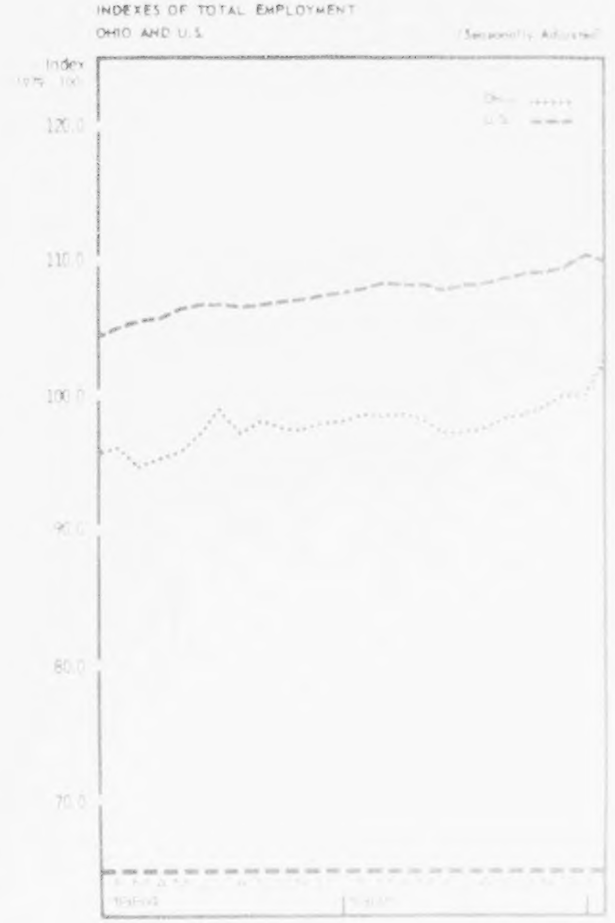
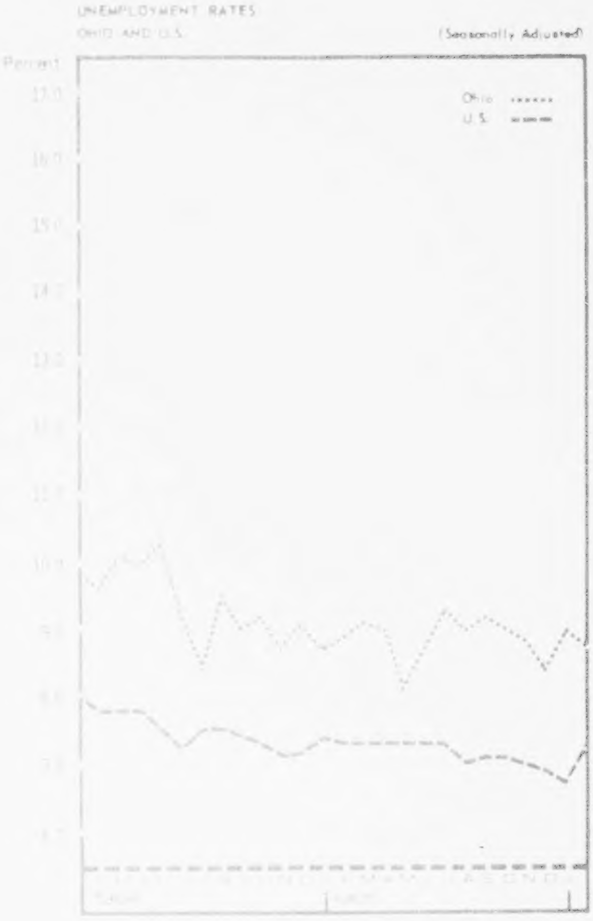
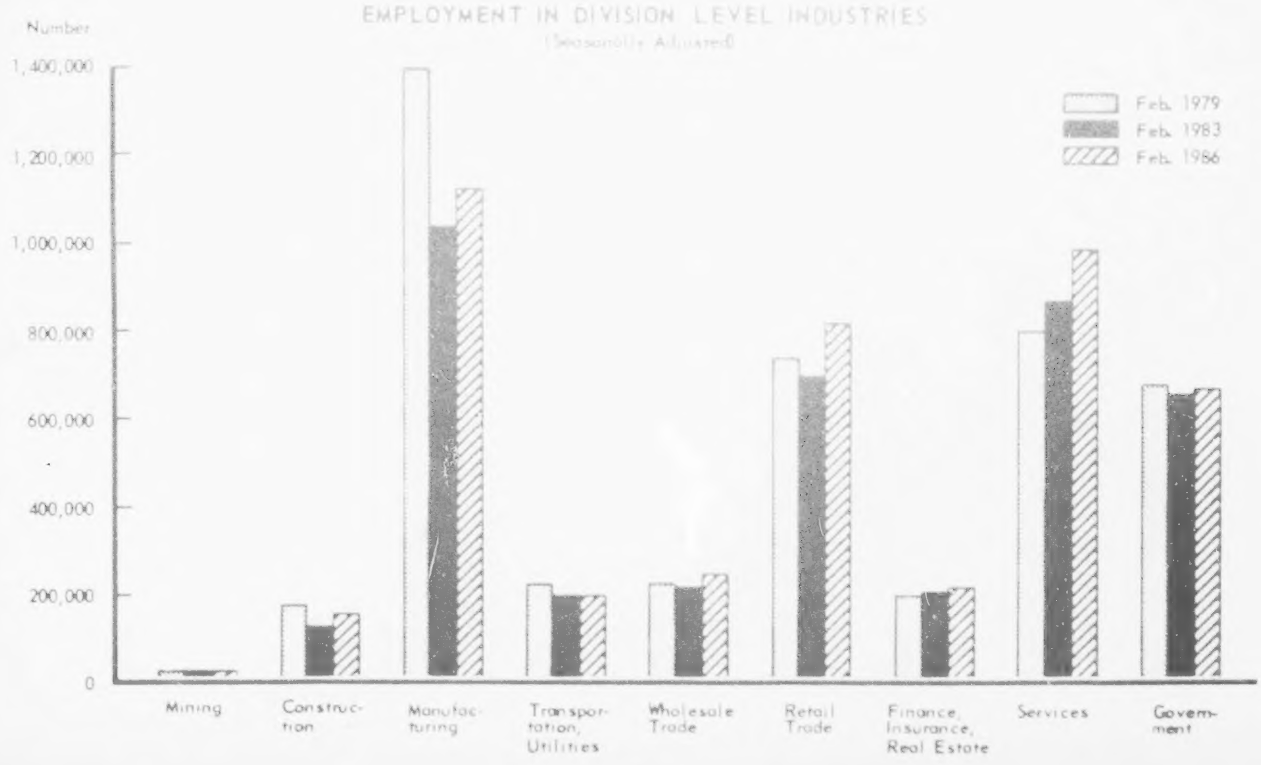
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Review*.


INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)


UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)


EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)

Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,099	4,478	621	12.2	9.6
1984	5,089	4,609	480	9.4	7.5
1985	5,130	4,675	455	8.9	7.2
1985					
February	4,988	4,525	464	9.3	7.8
March	5,057	4,567	490	9.7	7.5
April	5,099	4,646	453	8.9	7.1
May	5,054	4,674	380	7.5	7.0
June	5,146	4,707	439	8.5	7.5
July	5,237	4,750	487	9.3	7.4
August	5,207	4,751	456	8.8	6.9
September	5,185	4,719	466	9.0	6.9
October	5,216	4,763	453	8.7	6.8
November	5,200	4,734	466	9.0	6.7
December	5,156	4,721	435	8.4	6.7
1986					
January	5,121	4,647	474	9.3	7.3
February	5,212	4,740	472	9.1	7.8

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagriculture	Manufacturing		
			Durable	Nondurable
1975	4,016.2	1,267.5	892.4	375.1
1976	4,094.6	1,295.3	910.6	384.6
1977	4,230.1	1,344.1	945.2	398.9
1978	4,394.9	1,377.2	974.5	402.7
1979	4,484.5	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,378.6	1,123.1	769.1	354.0
1985				
February	4,238.9	1,121.0	769.8	351.2
March	4,282.7	1,124.2	772.6	351.6
April	4,347.0	1,123.8	771.4	352.4
May	4,404.3	1,128.3	774.0	354.3
June	4,411.9	1,130.4	774.8	355.6
July	4,383.5	1,120.4	768.3	352.1
August	4,385.8	1,118.4	761.3	357.2
September	4,437.7	1,121.4	762.6	358.8
October	4,456.8	1,119.8	765.5	354.4
November	4,473.1	1,123.1	768.2	354.9
December	4,483.7	1,123.6	769.5	354.1
1986				
January	4,393.3	1,119.3	766.7	352.7
February	4,387.1	1,115.5	762.3	353.2

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

	Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade
1975	2,748.7	26.8	154.9	213.2	203.5
1976	2,799.3	28.2	154.2	213.7	208.4
1977	2,886.0	29.1	162.8	218.1	214.6
1978	3,017.7	29.0	176.8	225.0	225.1
1979	3,102.5	31.6	182.9	232.1	232.8
1980	3,103.0	30.7	167.4	223.1	230.8
1981	3,085.1	30.7	153.7	217.2	232.5
1982	3,074.4	30.1	134.6	206.6	228.0
1983	3,026.5	26.6	130.8	199.8	222.5
1984	3,133.1	27.8	144.8	203.9	236.7
1985	3,255.5	26.4	154.1	202.5	246.5
1985					
February	3,117.9	25.8	120.8	198.2	240.3
March	3,158.6	26.0	130.0	199.3	242.0
April	3,223.2	26.2	145.1	201.6	243.8
May	3,276.0	26.4	158.3	203.4	245.0
June	3,281.5	26.5	161.3	204.7	246.9
July	3,263.2	26.8	168.1	204.4	248.1
August	3,267.3	26.5	172.1	203.2	249.0
September	3,316.3	26.6	172.6	204.3	249.3
October	3,337.0	26.5	172.9	204.4	250.3
November	3,350.0	26.6	166.6	204.3	250.9
December	3,360.1	26.2	155.7	204.4	251.2
1986					
January	3,274.0	25.9	134.9	199.3	249.5
February	3,271.6	25.4	129.6	199.4	249.3

	Retail Trade	Finance Insurance & Real Estate	Services	Government
1975	664.5	173.1	686.3	626.4
1976	682.4	177.0	703.2	632.2
1977	703.2	181.4	731.4	642.3
1978	730.4	191.1	772.1	667.5
1979	742.4	200.6	806.2	674.0
1980	726.6	203.8	830.9	669.9
1981	717.7	205.0	851.5	676.0
1982	703.4	206.4	857.3	659.6
1983	711.0	207.6	873.3	655.1
1984	748.0	211.5	905.2	655.2
1985	789.8	218.1	953.3	664.7
1985				
February	740.1	213.2	910.0	669.6
March	751.5	214.1	920.0	675.7
April	771.8	215.3	944.0	675.4
May	785.0	217.4	958.9	678.6
June	794.4	219.8	965.1	662.7
July	797.4	221.4	966.3	630.8
August	802.8	221.4	968.2	624.1
September	807.7	221.0	977.7	657.6
October	809.9	220.1	974.2	678.7
November	821.9	221.2	974.6	683.9
December	836.7	221.6	976.5	685.8
1986				
January	802.2	221.3	965.7	675.3
February	790.5	222.0	971.1	684.3

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*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment
(in thousands)

Production Workers in Manufacturing

Manufacturing	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	352.3	33.1
1,123.1	769.1	354.0	1985	773.4	365.7	32.5
			1985			
1,121.0	769.8	351.2	February	775.2	352.3	30.9
1,124.2	772.6	351.6	March	777.3	373.1	33.0
1,123.8	771.4	352.4	April	775.8	369.5	32.6
1,128.3	774.0	354.3	May	778.3	370.4	32.7
1,130.4	774.8	355.6	June	778.6	374.5	32.9
1,120.4	768.3	352.1	July	767.9	362.8	32.0
1,118.4	761.3	357.2	August	766.0	359.7	31.9
1,121.4	762.6	358.8	September	769.5	368.9	32.5
1,119.8	765.5	354.4	October	768.9	370.0	32.4
1,123.1	768.2	354.9	November	772.9	376.6	32.8
1,122.6	768.5	354.1	December	773.5	387.2	33.3
			1986			
1,118.3	766.7	352.7	January	769.1	375.5	32.5
1,115.5	762.3	353.2	February	765.1	373.5	32.3

Production Workers Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$224.47	$228.80	$211.85	1975
252.54	258.75	235.00	1976
283.08	292.02	258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
			1985
454.46	472.40	411.93	February
479.97	501.30	424.76	March
476.28	497.45	424.98	April
475.86	498.20	420.66	May
480.95	502.25	429.11	June
472.46	490.31	426.01	July
469.54	489.81	422.91	August
479.39	500.74	430.54	September
482.35	505.33	424.98	October
487.18	508.22	434.93	November
500.52	526.44	439.10	December
			1986
488.25	511.70	434.51	January
488.25	511.28	431.80	February

Production Workers Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
40.3	40.3	40.2	1975
41.2	41.4	41.3	1976
42.0	42.2	41.4	1977
42.1	42.3	41.5	1978
41.5	41.8	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	41.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
			1985
39.9	40.0	39.8	February
42.4	42.7	41.4	March
42.0	42.3	41.3	April
42.0	42.4	41.0	May
42.3	42.6	41.5	June
41.7	41.8	41.2	July
41.7	41.9	41.3	August
42.2	42.4	41.8	September
42.2	42.5	41.3	October
42.4	42.6	41.7	November
43.0	43.4	42.1	December
			1986
42.2	42.5	41.7	January
42.2	42.5	41.4	February

Production Workers Average Hourly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$ 5.57	$ 5.68	$ 5.27	1975
6.10	6.25	5.69	1976
6.74	6.92	6.24	1977
7.29	7.49	6.73	1978
7.84	8.06	7.25	1979
8.57	8.81	7.96	1980
9.53	9.82	8.80	1981
10.07	10.37	9.38	1982
10.56	10.90	9.77	1983
10.96	11.35	10.02	1984
11.38	11.81	10.31	1985
			1985
11.39	11.81	10.35	February
11.32	11.74	10.26	March
11.34	11.76	10.29	April
11.33	11.75	10.26	May
11.37	11.79	10.34	June
11.33	11.73	10.34	July
11.26	11.69	10.24	August
11.36	11.81	10.30	September
11.43	11.89	10.29	October
11.49	11.93	10.43	November
11.64	12.13	10.43	December
			1986
11.57	12.04	10.42	January
11.57	12.03	10.43	February

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio*

Employment

(in thousands)

Stone Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	96.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.7	164.1	1978	74.6	66.6	107.4
69.7	158.5	175.5	1979	223.6	117.8	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.3	1981	204.0	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	157.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	158.2	90.5	151.9	1985	62.7	66.6	91.0
			1985				1985			
49.1	105.1	138.7	February	158.5	92.9	145.5	February	60.7	65.8	91.4
49.5	105.7	138.8	March	155.9	92.6	149.1	March	61.1	65.8	91.1
50.0	104.6	139.5	April	158.5	91.3	149.7	April	61.1	66.3	90.9
50.6	104.7	140.5	May	157.4	90.8	150.6	May	61.7	66.8	91.1
51.0	103.9	140.8	June	157.7	90.5	151.9	June	62.7	66.5	91.6
50.7	103.3	138.3	July	156.3	89.7	151.1	July	62.7	66.5	88.7
51.2	99.0	137.2	August	164.2	89.8	150.5	August	63.5	66.8	90.5
51.4	98.5	135.1	September	164.0	89.7	150.9	September	63.9	66.9	91.4
51.2	99.0	136.7	October	153.4	89.1	154.5	October	63.3	67.1	91.3
51.0	101.3	138.5	November	152.0	88.1	157.2	November	62.9	67.3	91.7
49.8	102.7	137.3	December	153.4	89.0	156.1	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.5	January	153.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.5	136.1	February	151.3	88.8	156.3	February	62.5	67.2	91.5

Average Weekly Earnings of Production Workers

Stone Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$227.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	249.44	339.20	1977	256.54	271.95	263.97
274.61	366.24	307.23	1978	306.16	269.45	359.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	318.31	414.83	1980	329.65	320.92	323.61
348.02	464.04	369.61	1981	389.16	352.27	471.50	1981	362.75	347.70	366.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.05	1983	424.09	394.53	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	425.65	607.46	1984	419.19	396.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
405.08	540.70	485.66	February	458.49	404.07	586.40	February	408.04	376.66	412.08
428.48	546.33	502.15	March	478.69	436.48	634.05	March	414.83	390.02	428.98
440.16	548.47	505.57	April	470.22	427.18	621.53	April	413.00	386.83	429.17
432.41	550.25	493.32	May	470.48	421.70	639.18	May	415.33	385.56	422.00
441.41	560.19	492.90	June	481.17	433.13	635.40	June	410.11	386.05	442.90
438.90	544.13	486.88	July	471.94	422.65	613.20	July	422.94	395.26	431.15
439.74	552.30	488.86	August	469.14	430.77	612.76	August	413.27	397.97	422.42
439.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	403.52	431.63
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	426.38
441.21	549.67	496.33	November	476.72	449.77	648.70	November	404.33	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
435.42	552.94	496.18	February	487.63	460.90	648.90	February	403.34	401.94	434.69

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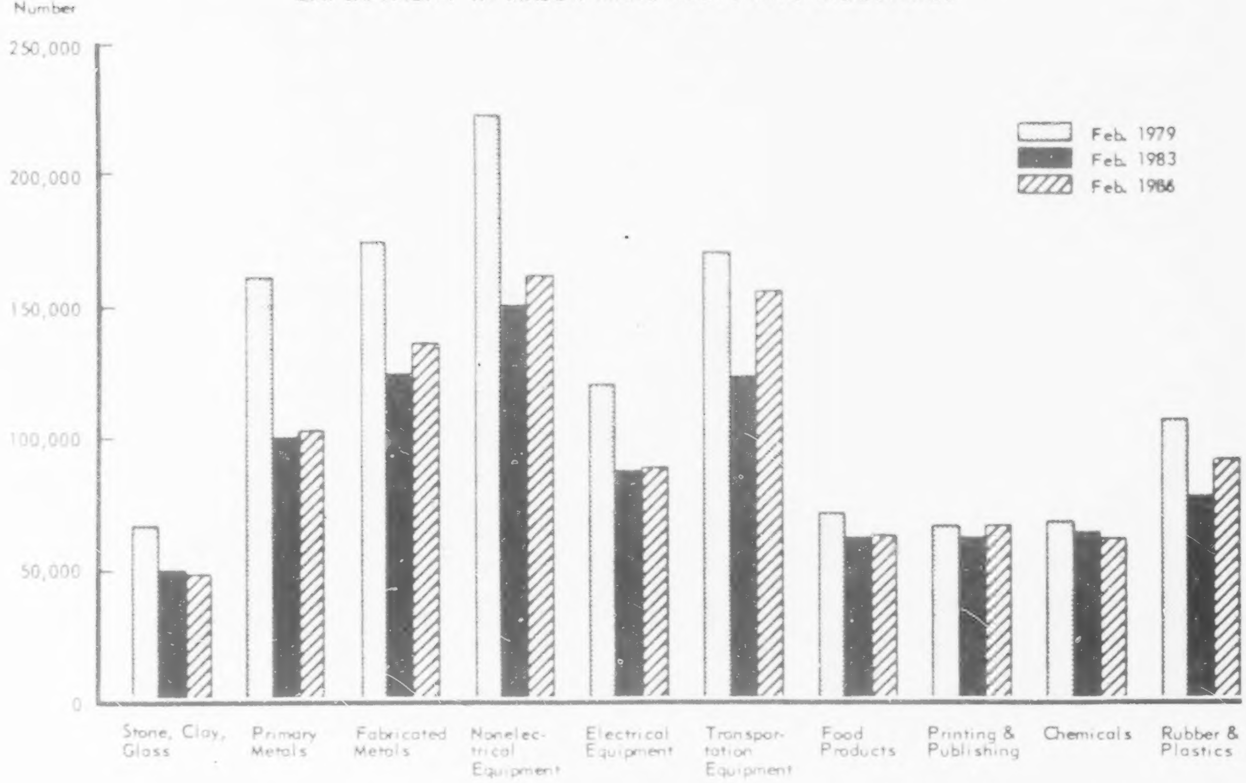
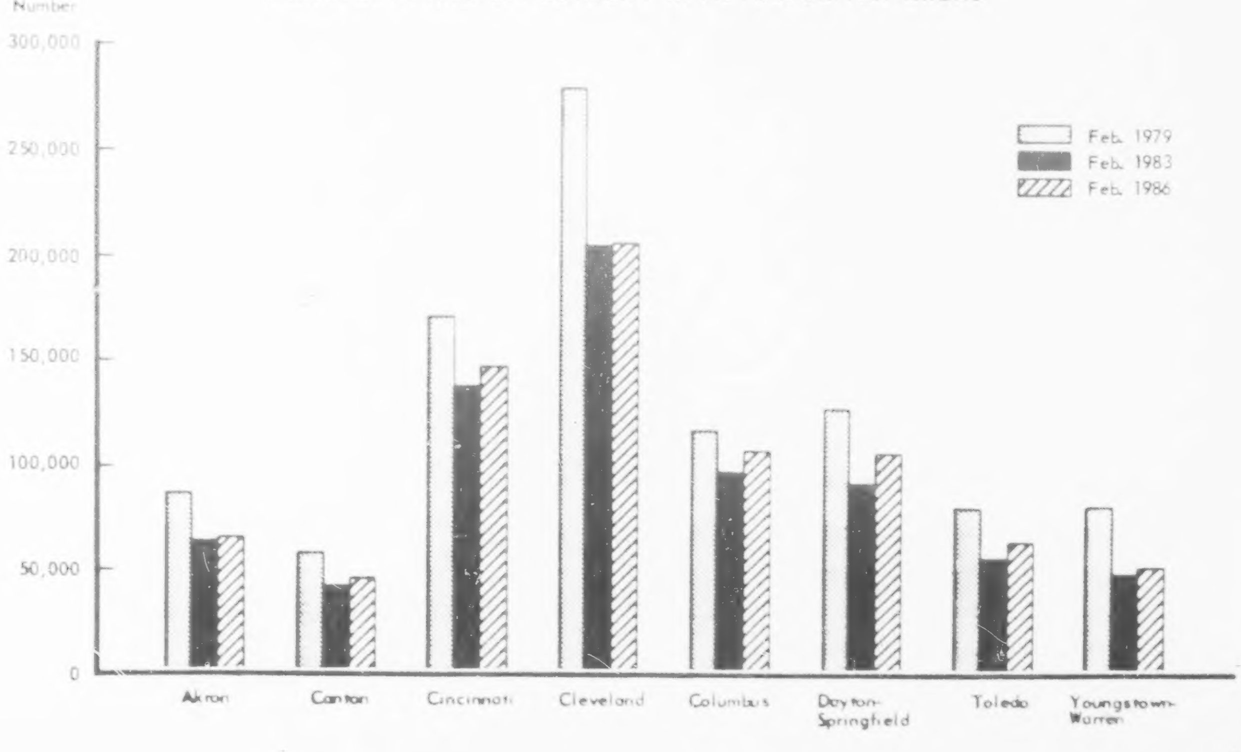
*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[a] (in thousands)	
	February 1986	January 1986	February 1985	From Last Month	From Last Year
TOTAL	4387.1	4352.4	4238.8	34.7	148.3
MANUFACTURING	1114.9	1105.3	1120.3	9.6	− 5.4
Durable Goods	763.7	[illegible]	756.6	[illegible]	7.1
Lumber and wood products	15.9	15.7	15.1	.2	.8
Furniture and fixtures	14.6	[illegible]	15.0	[illegible]	− .4
Stone, clay, and glass products	48.9	48.1	49.3	.8	− .4
Glass and glassware, pressed or blown	11.5	11.4	12.3	.1	− .8
Primary metal industries	102.7	103.5	105.1	− .8	− 2.4
Blast furnace and basic steel products	47.2	47.2	48.2	.0	− 1.0
Iron and steel foundries	[illegible]	20.4	[illegible]	.3	− .8
Nonferrous rolling and drawing	15.5	15.9	15.7	− .4	− .2
Fabricated metal products	136.1	136.4	135.7	[illegible]	[illegible]
Cutlery, hand tools, and hardware	[illegible]	11.3	[illegible]	.2	.6
Fabricated structural metal products	28.5	28.4	27.8	.1	.7
Metal forgings and stampings	42.7	43.3	44.6	− .6	− 1.9
Machinery, except electrical	161.7	[illegible]	168.8	[illegible]	− 7.1
Construction and related machinery	[illegible]	14.3	[illegible]	[illegible]	[illegible]
Metalworking machinery	[illegible]	[illegible]	[illegible]	− .7	[illegible]
Special industry machinery	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General industrial machinery	[illegible]	25.8	[illegible]	[illegible]	[illegible]
Office and computing machines	[illegible]	13.1	13.6	[illegible]	[illegible]
Refrigeration and service machinery	[illegible]	15.7	[illegible]	[illegible]	[illegible]
Electric and electronic equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical industrial apparatus	17.8	17.5	[illegible]	[illegible]	[illegible]
Household appliances	[illegible]	[illegible]	[illegible]	[illegible]	.3
Electric lighting and wiring equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles and equipment	[illegible]	[illegible]	98.4	[illegible]	[illegible]
Aircraft and parts	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Instruments and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Measuring and controlling devices	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nondurable Goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food and kindred products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Meat products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dairy products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Preserved fruits and vegetables	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bakery products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Beverages	[illegible]	[illegible]	9.6	[illegible]	[illegible]
Apparel and other textile products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paper and allied products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Misc. converted paper products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Paperboard containers and boxes	11.8	[illegible]	[illegible]	[illegible]	[illegible]
Printing and publishing	[illegible]	67.3	65.8	.2	[illegible]
Newspapers	19.0	18.9	[illegible]	[illegible]	[illegible]
Commercial printing	25.7	25.8	[illegible]	[illegible]	[illegible]
Chemicals and allied products	61.8	61.3	62.3	.5	.5
Industrial inorganic chemicals	9.6	9.3	[illegible]	.3	[illegible]
Rubber and misc. plastics products	91.5	90.8	91.4	.7	.1
Tires and inner tubes	18.7	18.6	20.6	.1	− 1.9
Miscellaneous plastics products	52.8	52.3	50.4	.5	2.4

See footnotes on page 13

Ohio (continued)

Nonagricultural Wage & Salary Employment

	Employment (in thousands)			Change (in thousands)	
	[illegible]	[illegible]	[illegible]	From Last Month	From Last Year
NONMANUFACTURING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Mining	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Bituminous coal and lignite mining	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Oil and gas extraction	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
CONSTRUCTION	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General building contractors	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Heavy construction contractors	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Highway and street construction	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Special trade contractors	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Railroad transportation	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Transportation except railroads	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Trucking and warehousing	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication, electric, gas services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Communication	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electric, gas, and sanitary services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WHOLESALE TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade, durable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Motor vehicles & automotive equipment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Electrical goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Machinery, equipment, and supplies	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Wholesale trade, nondurable goods	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Groceries and related products	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
RETAIL TRADE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
General merchandise stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Department stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Food stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Automotive dealers & service stations	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Apparel and accessory stores	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Eating and drinking places	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Banking	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Credit agencies other than banks	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Insurance carriers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Life insurance	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Fire, marine, and casualty insurance	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SERVICES	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hotels and other lodging places	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Personal services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Laundry, cleaning, & garment services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Business services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Services to buildings	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Computer and data processing services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Amusement and recreation services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Health services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Nursing and personal care facilities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hospitals	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Educational services	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Colleges and universities	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GOVERNMENT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Federal government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
State government except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Local government except education	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$488.25	$488.25	$454.46	42.2	42.2	39.9	$11.57	$11.57	$11.39
Durable Goods*	511.28	511.70	472.40	42.5	42.5	40.0	12.03	12.04	11.81
Lumber and wood products	285.76	282.89	275.12	39.8	39.9	36.2	7.18	7.09	7.60
Furniture and fixtures	339.85	328.20	294.33	40.7	39.4	36.7	8.35	8.33	8.02
Stone, clay, and glass products	435.42	437.22	405.08	41.0	40.9	39.1	10.62	10.69	10.36
Glass and glassware, pressed or blown	463.61	466.02	439.25	41.1	40.7	38.7	11.28	11.45	11.35
Primary metal industries	552.94	555.59	540.70	41.7	41.9	40.9	13.26	13.26	13.22
Blast furnace and basic steel products	534.26	531.47	525.90	39.9	39.9	39.1	13.39	13.32	13.45
Iron and steel foundries	619.68	621.19	560.85	44.2	43.9	41.3	14.02	14.15	13.58
Nonferrous rolling and drawing	581.70	598.23	620.75	42.0	42.7	43.5	13.85	14.01	14.27
Fabricated metal products	496.18	500.65	465.66	42.3	42.5	39.8	11.73	11.78	11.70
Cutlery, hand tools, and hardware	492.89	507.16	487.38	40.5	41.3	39.4	12.17	12.28	12.37
Fabricated structural metal products	417.49	423.69	398.61	41.5	42.2	38.7	10.06	10.04	10.30
Metal forgings and stampings	638.58	635.60	587.88	44.5	44.2	41.9	14.35	14.38	14.03
Machinery, except electrical	487.63	480.11	458.49	42.7	42.3	40.9	11.42	11.35	11.21
Construction and related machinery	403.21	404.60	386.96	40.2	40.5	37.9	10.03	9.99	10.21
Metalworking machinery	462.40	456.42	422.25	42.5	42.3	40.1	10.88	10.79	10.53
Special industry machinery	450.19	448.28	453.68	41.8	41.7	42.4	10.77	10.75	10.70
General industrial machinery	504.71	491.91	476.14	42.7	41.9	40.8	11.82	11.74	11.67
Office and computing machines	393.98	374.59	345.59	42.5	41.3	38.7	9.27	9.07	8.93
Refrigeration and service machinery	606.98	610.64	546.89	44.5	44.9	41.4	13.64	13.60	13.21
Electric and electronic equipment	460.90	454.30	404.07	41.9	41.3	38.3	11.00	11.00	10.55
Electrical industrial apparatus	445.26	443.36	390.56	40.7	40.9	38.9	10.94	10.84	10.04
Household appliances	470.50	474.35	388.06	41.6	41.5	35.7	11.31	11.43	10.87
Electric lighting and wiring equipment	457.33	426.19	417.91	41.5	39.1	39.5	11.02	10.90	10.58
Communication equipment	510.85	508.38	491.06	42.5	42.4	41.3	12.02	11.99	11.89
Transportation equipment	648.90	649.52	586.40	45.0	45.2	41.5	14.42	14.37	14.13
Motor vehicles and equipment	684.63	687.92	618.03	45.4	45.8	42.1	15.08	15.02	14.68
Aircraft and parts	556.26	546.41	500.54	43.8	43.4	39.6	12.70	12.59	12.64
Instruments and related products	354.71	357.90	312.75	39.5	39.9	37.1	8.98	8.97	8.43
Measuring and controlling devices	343.14	347.27	294.97	38.0	38.5	34.1	9.03	9.02	8.65
Nondurable Goods*	431.80	434.51	411.93	41.4	41.7	39.8	10.43	10.42	10.35
Food and kindred products	403.34	405.32	408.04	40.7	40.9	40.4	9.91	9.91	10.10
Meat products	346.60	366.00	365.34	38.9	40.0	39.2	8.91	9.15	9.32
Dairy products	438.35	427.32	433.16	42.6	42.1	43.1	10.29	10.15	10.05
Preserved fruits and vegetables	395.08	389.09	346.30	41.5	40.7	37.6	9.52	9.56	9.21
Bakery products	430.53	434.69	425.64	38.1	38.4	38.8	11.30	11.32	10.97
Beverages	390.04	415.95	379.14	39.2	40.9	39.7	9.95	10.17	9.55
Apparel and other textile products	268.96	267.67	230.52	37.2	37.7	33.9	7.23	7.10	6.80
Paper and allied products	485.37	481.23	443.73	44.9	44.6	42.3	10.81	10.79	10.49
Misc. converted paper products	448.90	440.67	400.58	44.8	44.2	42.3	10.02	9.97	9.47
Paperboard containers and boxes	412.80	403.75	354.50	43.0	42.5	38.2	9.60	9.50	9.28
Printing and publishing	401.94	403.37	378.66	38.5	38.6	37.2	10.44	10.45	10.18
Newspapers	325.03	329.31	324.01	33.2	33.5	33.3	9.79	9.83	9.73
Commercial printing	408.83	406.58	383.67	40.2	39.9	38.1	10.17	10.19	10.07
Chemicals and allied products	509.35	508.02	483.80	42.2	42.3	41.0	12.07	12.01	11.80
Industrial inorganic chemicals	551.65	552.98	525.82	42.5	42.8	41.6	12.98	12.92	12.64
Rubber and misc. plastics products	434.69	442.96	412.08	42.7	43.3	40.4	10.18	10.23	10.20
Tires and inner tubes	631.57	641.55	589.17	46.1	47.0	44.6	13.70	13.65	13.21
Miscellaneous plastics products	417.78	424.15	398.40	42.5	42.8	39.8	9.83	9.91	10.01

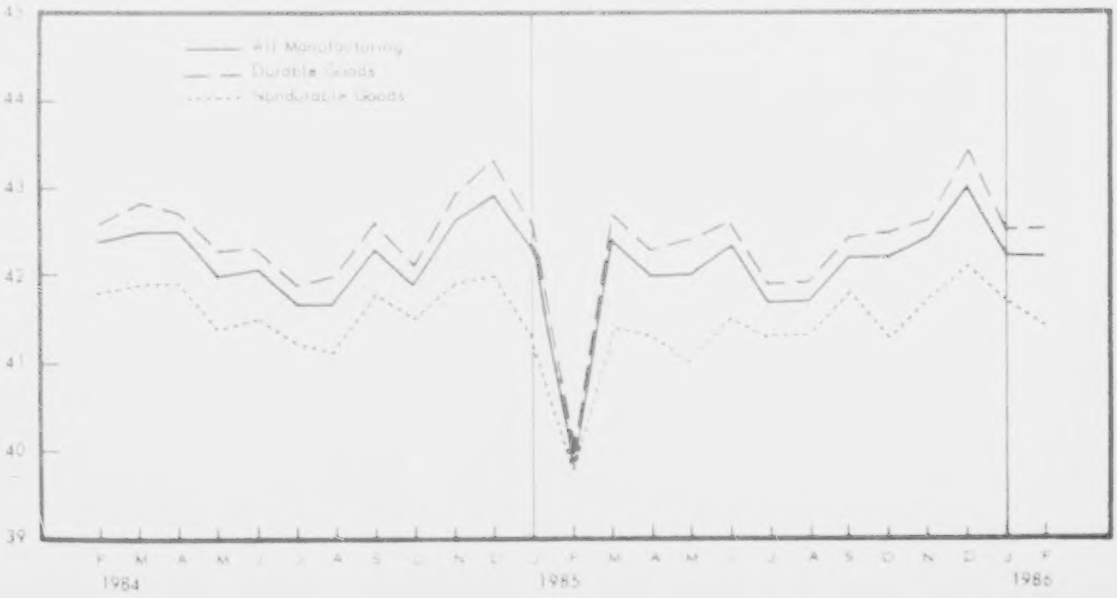
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

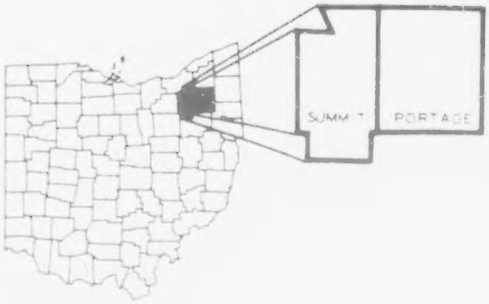
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MINING	$512.30	$527.77	$527.33	43.6	44.5	44.5	$11.75	$11.86	$11.85
Bituminous coal and lignite mining	624.52	636.23	667.67	42.6	42.7	44.1	14.66	14.90	15.14
CONSTRUCTION	570.23	602.16	589.04	37.1	38.6	36.7	15.37	15.60	16.05
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	515.84	516.65	502.17	40.3	40.3	40.4	12.80	12.82	12.43
Communication	502.92	502.44	487.98	39.6	39.5	39.9	12.70	12.72	12.23
Electric, gas, and sanitary services	531.42	534.42	522.83	41.1	41.3	41.2	12.93	12.94	12.69
WHOLESALE TRADE	353.33	357.77	335.13	38.7	39.1	38.3	9.13	9.15	8.75
Wholesale trade-durable goods	351.62	356.80	330.50	39.2	39.6	38.7	8.97	9.01	8.54
Wholesale trade-nondurable goods	356.45	360.02	342.75	37.8	38.3	37.5	9.43	9.40	9.14
RETAIL TRADE	154.52	153.39	148.78	28.3	28.3	27.4	5.46	5.42	5.43
General merchandise stores	170.81	165.82	152.99	29.0	28.2	26.7	5.89	5.88	5.73
Department stores	175.18	169.48	156.20	29.1	28.2	26.7	6.02	6.01	5.85
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	244.44	243.08	228.15	....	....	....	.....	.....	.....
Credit agencies other than banks	241.54	238.81	222.51	....	....	....	.....	.....	.....
Insurance carriers	315.87	315.15	304.93	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	311.89	313.07	299.16	33.5	33.7	33.5	9.31	9.29	8.93

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g] Money payments only; tips not included. [h] Includes State universities, State schools for deaf and blind, and the State library. [i] Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



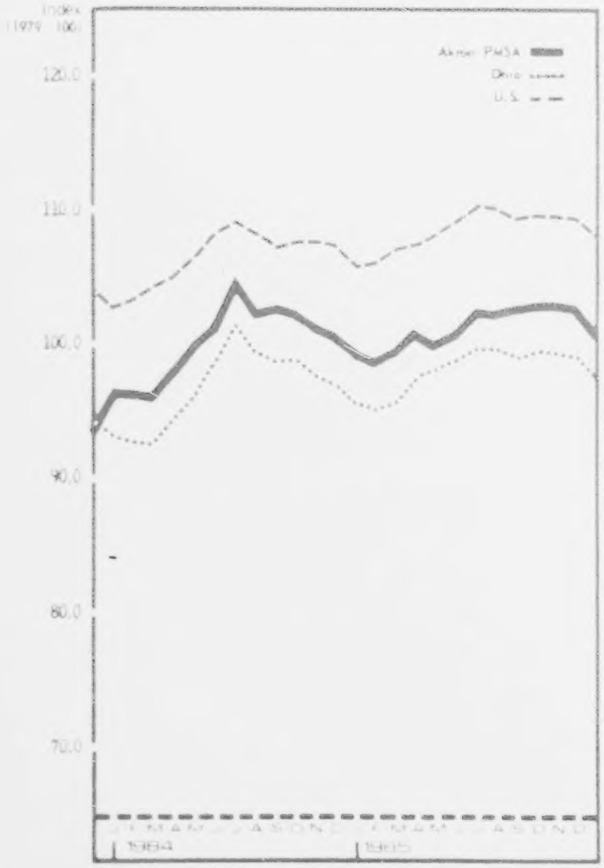
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



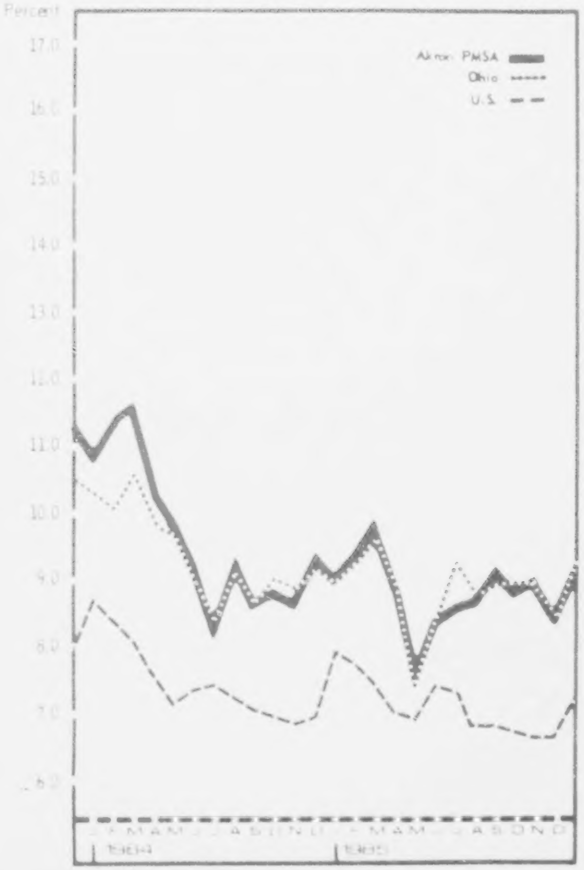
Nonfarm wage and salary employment in Akron totaled 258,200 in February, up 200 from January. Nonmanufacturing advanced 400 over the month, as sizable increases in state and local schools and colleges were offset by seasonal declines in employment in retail trade and construction. In manufacturing, gains in rubber and plastics products were overshadowed by losses in durable goods, especially fabricated metal products and nonelectrical machinery. Manufacturing production workers had an average workweek of 42.9 hours, up .2 hours from January. Their earnings averaged $11.16 per hour, up $.06.

Nonagricultural employment rose 6,900 from February 1985. Employment was up in all nonmanufacturing divisions, especially services and retail trade. Losses in tires and inner tubes and fabricated metal products helped reduce manufacturing employment by 2,000 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



Akron PMSA Labor Force & Employment Data

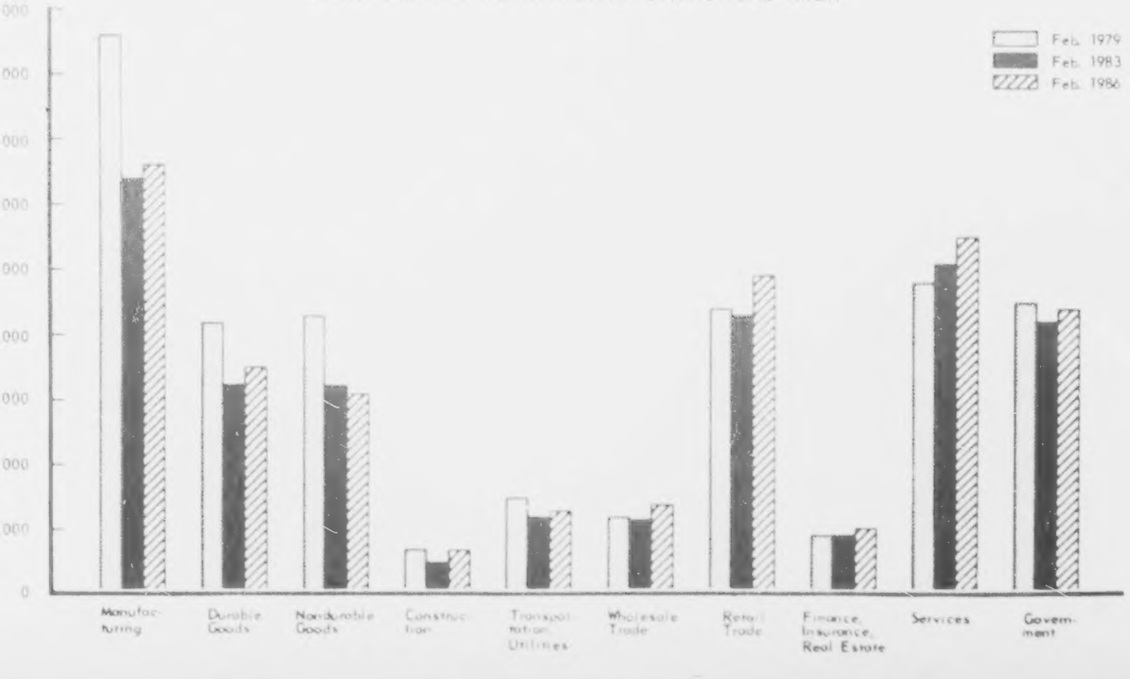
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagriculture Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.1	25.2	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.8	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.8	85.6	51.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	265.9	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.2	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.8	268.1	35.6	11.8	1982	248.8	68.5	38.9	403.03	41.0	9.83
302.4	265.2	37.2	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.9	67.5	38.6	470.85	43.7	10.77
316.3	288.5	27.8	8.8	1985	258.1	67.9	37.3	475.20	43.2	11.00
				1985						
311.4	283.5	28.0	9.0	January	251.1	68.2	38.1	480.25	44.1	10.89
310.8	281.7	29.2	9.4	February	251.3	68.2	37.8	470.89	43.4	10.85
314.8	283.7	31.1	9.9	March	253.6	68.0	37.7	489.28	44.0	11.12
315.8	288.3	27.6	8.7	April	257.8	68.6	36.9	479.76	43.3	11.08
302.4	279.6	22.8	7.5	May	261.2	68.7	37.3	472.57	43.0	10.99
314.5	288.7	25.9	8.4	June	259.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.8	July	257.0	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	258.0	68.3	36.1	449.21	42.1	10.67
322.6	294.8	28.0	8.7	September	263.2	67.4	36.6	475.76	42.8	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.1	29.0	9.0	November	266.2	67.2	36.9	474.29	43.0	11.03
319.8	293.0	26.8	8.4	December	260.1	66.8	36.7	494.36	44.1	11.21
				1986						
315.5	288.3	27.2	8.2	January	251.9	65.4	36.2	473.47	42.7	11.10
TNA	TNA	TNA	TNA	February	256.1	66.2	36.2	478.76	42.9	11.16

TNA [illegible]

1984 and 1985 Civilian Labor Force data revised to 1985 benchmarks.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	258.2	257.9	251.3	.7	6.9
MANUFACTURING	66.2	66.4	68.2	- .2	- 2.0
Durable Goods*	35.0	35.3	35.2	- .3	- .2
Fabricated metal products	12.5	12.8	13.0	- .2	- .5
Machinery, except electrical	9.3	9.5	9.5	- .2	- .2
Metalworking machinery	3.1	3.1	3.1	.0	.0
Nondurable Goods	31.3	31.1	33.0	.1	- 1.7
Food and kindred products	2.6	2.7	2.7	- .1	- .1
Chemicals and allied products	2.7	2.7	2.6	.0	.0
Rubber and misc. plastics products	20.9	20.7	22.6	.3	- 1.6
Tires and inner tubes	14.2	14.1	15.8	.1	- 1.6
NONMANUFACTURING	191.9	191.5	183.0	.4	8.9
CONSTRUCTION	6.7	7.2	5.9	- .5	.8
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.7	12.7	.1	.1
Communication, electric, gas services	5.2	5.2	5.2	.0	.0
WHOLESALE TRADE	13.7	13.7	13.0	.0	.6
RETAIL TRADE	49.3	49.9	46.9	- .6	2.4
General merchandise stores	6.4	6.8	6.5	- .4	- .1
FINANCE, INSURANCE, AND REAL ESTATE	9.9	9.9	9.3	.0	.6
Banking	3.2	3.2	3.0	.0	.2
SERVICES	55.0	54.7	51.5	.3	3.5
Business services	11.2	11.0	9.8	.2	1.4
Amusement and recreation services	2.5	2.5	2.1	.1	.4
Health services	17.1	17.1	17.4	- .1	- .3
GOVERNMENT	43.6	42.6	42.6	1.0	1.0
State government	15.3	14.3	14.7	.9	.6
State government education	12.4	11.5	11.8	1.0	.6
State government, except education	2.9	2.9	2.9	.0	.0
Local government	26.3	26.0	26.0	.2	.2
Local government education	14.5	14.3	14.4	.3	.2
Local government, except education	11.7	11.7	11.6	.0	.1

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

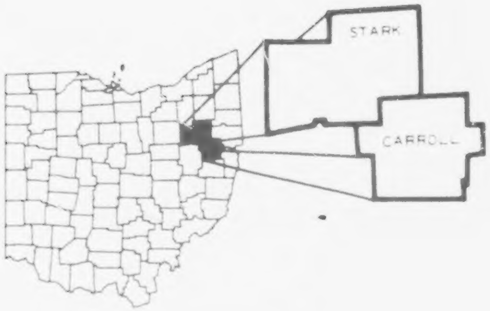
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$478.76	$473.97	$470.89	42.9	42.7	43.4	$11.16	$11.10	$10.85
Durable Goods[e]	489.62	486.92	488.17	43.1	42.9	43.9	11.36	11.35	11.12
Fabricated metal products	623.34	606.60	574.18	45.8	44.9	43.4	13.61	13.51	13.23
Machinery, except electrical	412.48	416.24	432.32	42.7	43.0	45.7	9.66	9.68	9.46
Metalworking machinery	431.83	438.37	430.60	44.2	45.1	44.3	9.77	9.72	9.72
Nondurable Goods[f]	460.70	453.26	442.85	42.5	42.4	42.5	10.84	10.69	10.42
Food and kindred products	421.19	398.81	461.72	39.4	38.2	43.6	10.69	10.44	10.59
Chemicals and allied products	449.49	454.27	429.04	41.2	41.6	40.9	10.91	10.92	10.49
Rubber and misc. plastics products	490.16	499.29	472.56	44.0	44.9	44.0	11.14	11.12	10.74
Tires and inner tubes	710.97	733.80	652.60	49.1	51.1	47.6	14.48	14.36	13.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	522.50	520.80	507.42	40.1	40.0	40.4	13.03	13.02	12.56
WHOLESALE TRADE	321.86	321.26	324.70	38.0	38.2	38.2	8.47	8.41	8.50
RETAIL TRADE[h]	175.68	175.74	175.51	28.8	29.0	29.3	6.10	6.06	5.99

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	2,522	3,393	2,948
Active File of Job Seekers	26,924	26,209	36,326
Referrals to Jobs	1,240	1,225	1,382
Placements	170	176	174
Job Openings Received	400	414	675
Job Openings Unfilled	591	1,152	1,107
Unemployment Insurance Program			
Initial Claims	3,694	5,619	3,605
Continued Claims	40,982	48,765	40,826
First Payments	2,285	3,378	2,359
Last Payments	470	569	445
Weeks Compensated	34,877	39,322	35,065
Benefits Paid	$5,212,876	$5,779,738	$5,055,008
Average Weekly Payment	$152.77	$150.90	$147.40

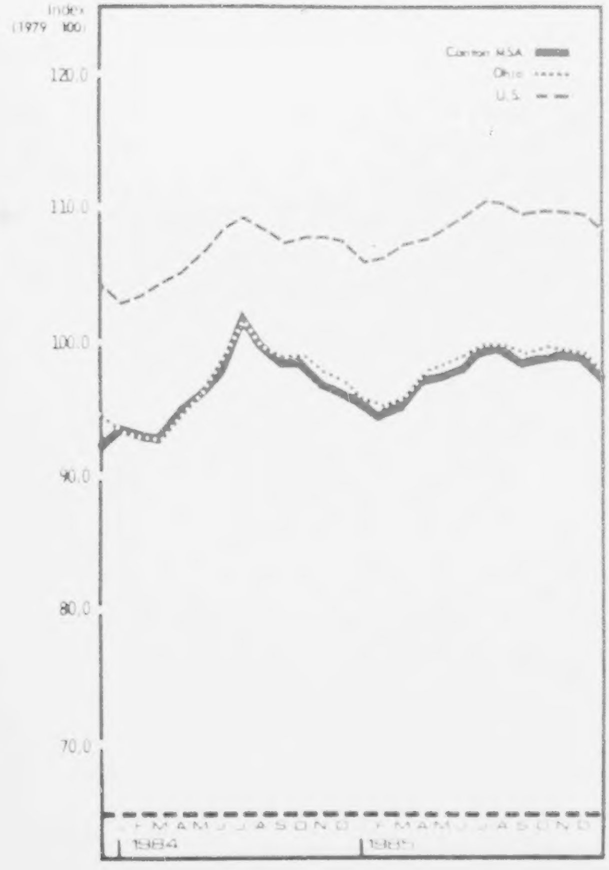
CANTON
METROPOLITAN STATISTICAL AREA



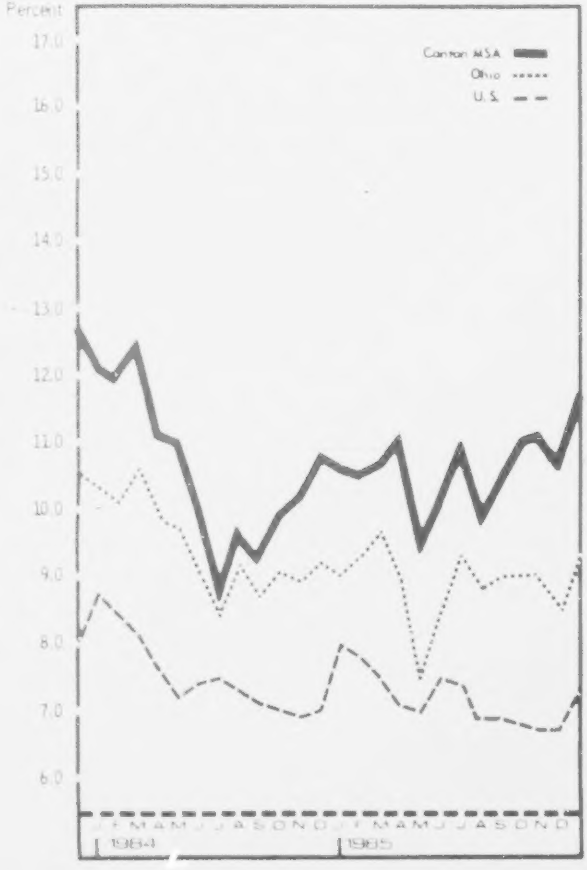
February nonagricultural wage and salary employment in the Canton area, at 152,400, was unchanged from January. Employment in nonmanufacturing dropped seasonally, with reductions in retail trade and construction more than offsetting gains in services and local schools. In manufacturing, settlement of a labor-management dispute and returns from layoffs boosted employment in durable-goods industries. Production workers had an average workweek of 40.2 hours in February, up .1 hours from January. Their average earnings were $11.13 per hour, down $.10.

Nonagricultural employment rose 5,500 between February 1985 and February 1986. Increases in retail trade, services, and construction accounted for the improvement. Manufacturing employment rose just 100 over the year, as gains in food products and primary metals were nearly offset by losses in fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



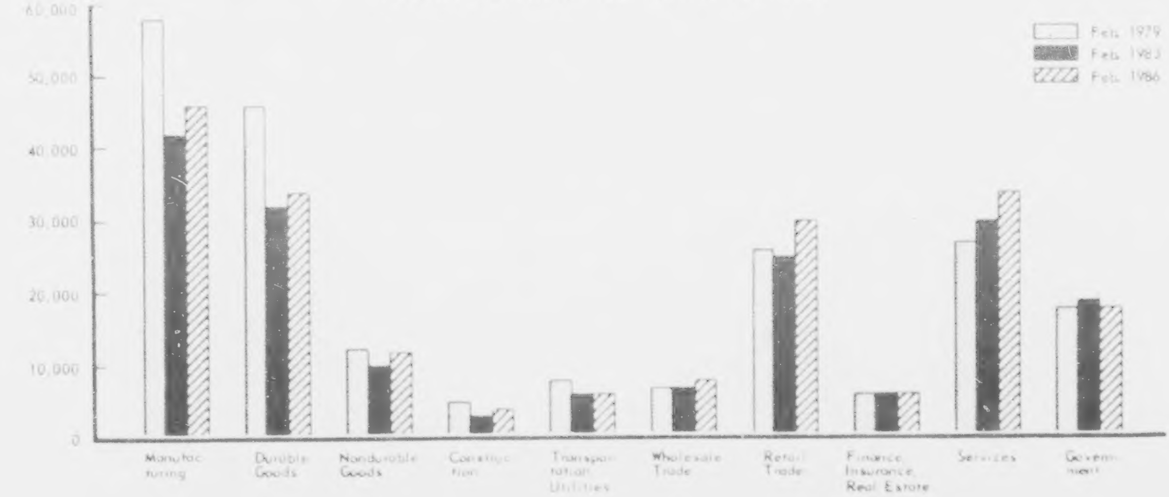
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	159.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.8	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.7	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.7	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	[illegible]	18.2	9.7	1981	156.5	54.8	39.6	390.40	40.0	9.76
191.4	164.3	[illegible]	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.8	[illegible]	19.9	10.6	1984	148.1	46.4	33.6	437.53	40.4	10.83
188.6	169.1	[illegible]	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
185.8	[illegible]	[illegible]	10.6	January	147.8	46.5	34.3	434.68	40.1	10.84
184.1	163.6	[illegible]	10.5	February	146.9	45.9	33.8	430.16	39.5	10.89
[illegible]	166.8	[illegible]	10.7	March	148.4	46.2	34.1	435.60	40.0	10.89
[illegible]	169.0	[illegible]	[illegible]	April	151.4	46.5	34.3	427.10	39.4	10.84
187.1	169.6	17.6	9.4	May	152.9	46.5	34.3	435.31	39.9	10.91
189.4	170.8	[illegible]	[illegible]	June	153.3	46.7	34.1	434.72	39.7	10.95
191.8	170.5	21.3	11.3	July	153.0	46.6	34.0	431.34	39.5	10.92
189.6	172.8	16.8	8.9	August	153.0	46.3	33.9	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	154.6	46.4	33.4	439.80	40.1	10.97
[illegible]	[illegible]	[illegible]	11.0	October	156.4	45.8	33.0	442.30	40.1	11.03
193.5	[illegible]	[illegible]	11.1	November	155.8	[illegible]	33.2	444.21	40.2	11.05
[illegible]	[illegible]	[illegible]	10.9	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.8	169.4	21.4	11.2	January	152.3	45.8	32.7	[illegible]	[illegible]	11.23
(NA)	(NA)	(NA)	(NA)	February	152.4	[illegible]	32.3	447.43	40.2	11.13

(NA) [illegible]
1984 and 1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	152.4	152.3	146.9	.0	5.5
MANUFACTURING	46.0	45.8	45.9	.2	.1
Durable Goods[e]	34.2	34.0	34.7	.3	- .4
Primary metal industries	11.0	10.8	10.8	.2	.2
Fabricated metal products	6.9	7.1	7.3	- .1	- .4
Metal forgings and stampings	2.5	2.6	2.9	- .1	- .4
Nondurable Goods[f]	11.7	11.8	11.2	- .1	.5
Food and kindred products	4.2	4.3	3.8	- .1	.4
Rubber and misc. plastics products	2.8	2.8	2.8	.0	.0
NONMANUFACTURING[g]	106.4	106.6	101.0	- .2	5.4
CONSTRUCTION	4.4	4.7	4.1	- .2	.3
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.9	.0	.0
Communication, electric, gas services	2.7	2.8	2.7	.0	.0
WHOLESALE TRADE	7.6	7.7	7.6	- .1	- .1
Wholesale trade-durable goods	4.2	4.4	4.3	- .1	- .1
RETAIL TRADE	29.7	30.0	27.1	- .3	2.7
General merchandise stores	3.7	3.9	3.6	- .2	.1
Food stores	5.2	5.2	4.7	.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.2	6.0	.0	.2
Banking	1.8	1.8	1.7	.0	.1
SERVICES	33.6	33.3	31.2	.3	2.4
Health services	13.9	13.8	13.6	.1	.3
GOVERNMENT	17.7	17.5	17.9	.2	- .2
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.7	14.5	15.1	.2	- .4
Local government education	8.6	8.3	8.8	.2	- .3
Local government, except education	6.2	6.2	6.2	.0	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

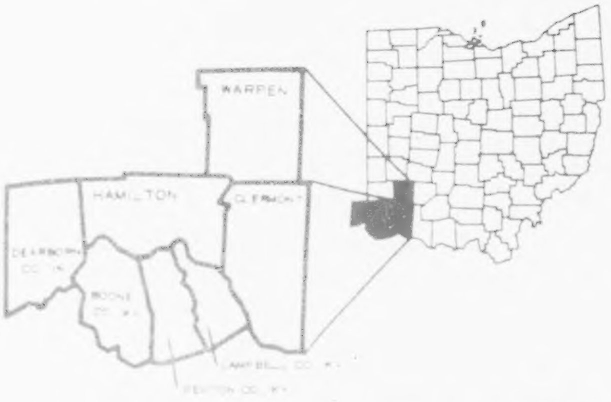
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$447.43	$450.32	$430.16	40.2	40.1	39.5	$11.13	$11.23	$10.89
Durable Goods[e]	465.81	471.06	443.92	40.4	40.4	39.6	11.53	11.66	11.21
Primary metal industries	473.25	477.41	453.94	37.8	37.8	37.3	12.52	12.63	12.17
Fabricated metal products	532.61	537.07	498.46	43.8	43.7	41.4	12.16	12.29	12.04
Metal forgings and stampings	678.92	682.16	618.72	44.0	43.7	42.7	15.43	15.61	14.49
Nondurable Goods[f]	385.13	389.87	385.14	39.5	39.5	39.3	9.75	9.87	9.80
Food and kindred products	392.96	408.97	395.00	38.3	39.4	39.5	10.26	10.38	10.00
Rubber and misc. plastics products	464.97	468.16	457.44	43.7	44.0	43.4	10.64	10.64	10.54
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	513.63	509.12	481.14	40.7	40.6	40.5	12.62	12.54	11.88
WHOLESALE TRADE	352.62	341.37	323.03	37.1	36.2	36.5	9.51	9.43	8.85
RETAIL TRADE[h]	154.47	153.25	155.04	28.5	28.7	28.5	5.42	5.34	5.44

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	1,790	2,299	1,702
Active File of Job Seekers	21,259	20,415	25,867
Referrals to Jobs	1,279	903	903
Placements	257	344	278
Job Openings Received	517	474	435
Job Openings Unfilled	328	215	300
Unemployment Insurance Program			
Initial Claims	3,273	6,193	2,934
Continued Claims	32,598	39,075	28,481
First Payments	1,744	2,777	2,162
Last Payments	319	372	298
Weeks Compensated	27,438	31,671	25,885
Benefits Paid	$4,085,062	$4,674,995	$3,714,601
Average Weekly Payment	$152.29	$151.80	$146.79

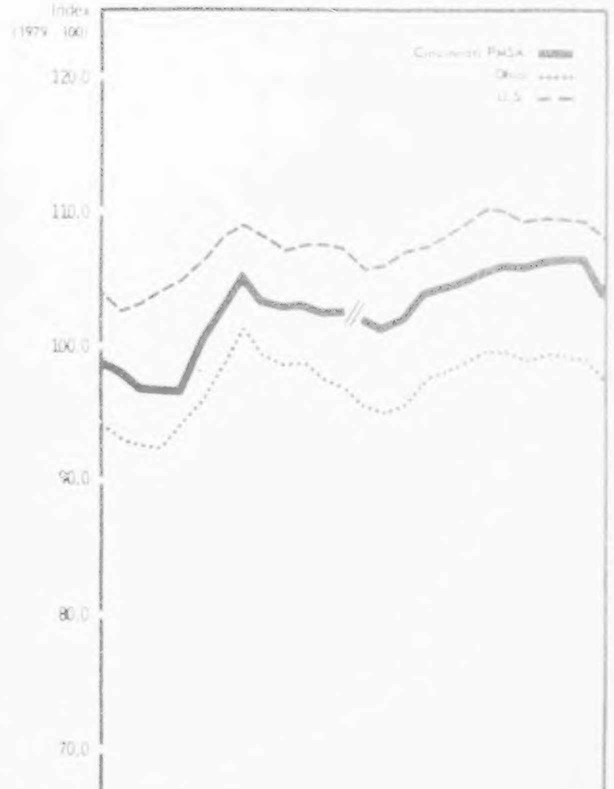
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in Cincinnati declined by 200 in February, to 632,700. The decline occurred in nonmanufacturing, with seasonal losses in retail trade and construction overriding gains in services. Manufacturing employment was little changed over the month. Average hourly earnings of factory production workers rose $.02 per hour, to $10.72. The average workweek was down .6 hours, to 41.2 hours.

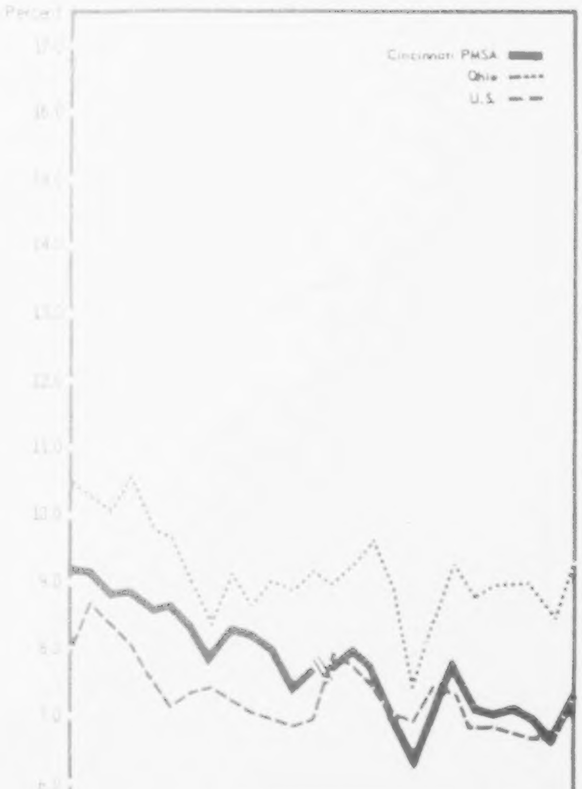
February 1986 nonfarm wage and salary employment was up 27,000 jobs from February 1985. Services, especially business services, and retail trade registered significant increases in the nonmanufacturing sector. Important over-the-year gains were reported in transportation equipment and chemicals, lifting manufacturing employment 3,800, to 148,200 in February 1986.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Data for 1984 for Cincinnati MSA on 1984 benchmark.

UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Cincinnati PMSA Labor Force & Employment Data

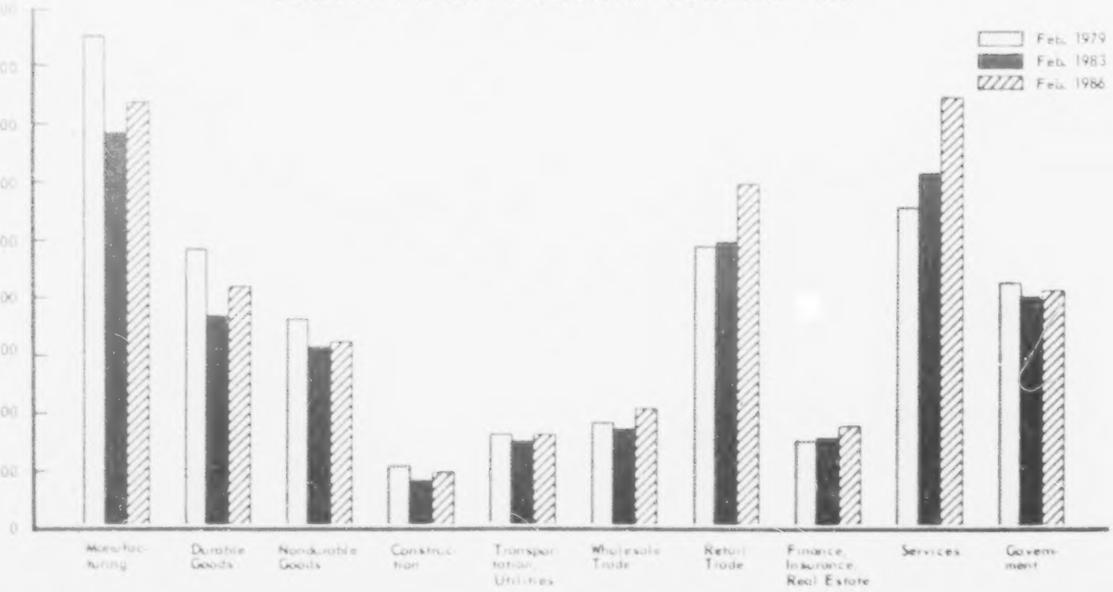
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.1	551.5	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.2	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
INA	INA	INA	INA	1984	600.8	145.0	96.5	441.41	41.8	10.56
706.8	655.1	51.7	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
[illegible]	[illegible]	53.8	7.7	January	604.7	144.3	95.5	459.80	42.3	10.87
[illegible]	[illegible]	56.3	8.0	February	605.7	144.3	95.4	420.51	38.9	10.81
695.2	[illegible]	53.8	7.7	March	612.7	145.2	96.1	449.53	41.7	10.78
703.2	654.1	49.1	7.0	April	624.1	146.3	96.9	440.43	41.2	10.69
710.7	666.4	44.3	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
[illegible]	659.2	50.6	7.1	June	632.0	147.1	97.3	434.43	41.1	10.57
719.7	663.0	56.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
715.6	[illegible]	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	[illegible]	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
716.5	665.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
716.4	666.8	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	[illegible]	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
703.6	[illegible]	51.3	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
INA	INA	INA	INA	February	632.7	148.2	96.1	441.66	41.2	10.72

INA Information not available

1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[P]	January 1986[P]	February 1985[P]	From Last Month	From Last Year
TOTAL	632.7	632.9	605.7	- .2	27.0
MANUFACTURING	148.2	148.3	144.4	- .1	3.8
Durable Goods[*]	83.5	83.5	81.2	.0	2.3
Fabricated metal products	10.9	10.6	10.7	.3	.2
Fabricated structural metal products	3.9	3.7	3.9	.2	.0
Machinery, except electrical	21.2	21.0	21.5	.2	- .3
Metalworking machinery	5.6	5.6	5.7	.0	- .1
General industrial machinery	3.7	3.7	3.8	.0	- .1
Electric and electronic equipment	7.9	7.8	8.2	.1	- .3
Transportation equipment	28.1	28.3	25.8	- .2	2.3
Motor vehicles and equipment	9.8	10.0	10.5	- .2	- .7
Nondurable Goods[*]	64.7	64.7	63.1	.0	1.6
Food and kindred products	12.6	12.7	12.3	- .1	.3
Beverages	4.1	4.2	4.0	- .1	.1
Apparel and other textile products	3.2	3.3	3.1	- .1	.1
Paper and allied products	5.9	5.8	6.0	.1	- .1
Printing and publishing	12.5	12.5	12.4	.0	.1
Commercial printing	5.5	5.5	5.3	.0	.2
Chemicals and allied products	21.8	21.7	20.8	.1	1.0
Rubber and misc. plastics products	5.7	5.6	5.8	.1	- .1
NONMANUFACTURING	484.5	484.6	461.3	- .1	23.2
CONSTRUCTION	22.0	21.2	19.8	.8	2.2
TRANSPORTATION AND PUBLIC UTILITIES	33.4	33.2	32.8	.2	.6
Trucking and warehousing	9.9	9.7	9.3	.2	.6
Communication, electric, gas services	14.7	14.7	14.6	.0	.1
WHOLESALE TRADE	41.7	41.7	40.2	.0	1.5
Wholesale trade-durable goods	24.6	24.6	24.0	.0	.6
RETAIL TRADE	118.5	119.9	113.0	- 1.4	5.5
General merchandise stores	19.3	20.2	18.5	- .9	.8
FINANCE, INSURANCE, AND REAL ESTATE	36.0	36.0	34.5	.0	1.5
Banking	8.0	8.0	7.6	.0	.4
Insurance carriers	11.6	11.5	11.1	.0	.5
SERVICES	148.7	148.4	139.8	.3	9.0
Hotels and other lodging places	6.2	6.2	5.8	.0	.4
Personal services	7.8	7.8	7.3	.0	.5
Business services	34.9	34.8	30.3	.1	4.6
Amusement and recreation services	5.3	5.2	5.1	.1	.2
Health services	46.9	46.9	46.1	.0	.8
GOVERNMENT	83.4	82.7	81.4	.7	2.0
Federal government	13.1	12.8	13.1	.3	.0
State government	18.7	18.6	18.4	.1	.3
State government education	11.4	11.3	11.4	.1	.0
State government, except education	7.3	7.3	7.1	.0	.2
Local government	51.3	51.1	49.5	.2	1.8
Local government education	29.6	29.3	28.7	.3	.9
Local government, except education	21.7	21.8	20.9	- .1	.8

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[p]	January 1986[r]	February 1985[r]	Feb. 1986[p]	Jan. 1986[r]	Feb. 1985[r]	Feb. 1986[p]	Jan. 1986[r]	Feb. 1985[r]
MANUFACTURING	$441.66	$447.26	$420.51	41.2	41.8	38.9	$10.72	$10.70	$10.81
Durable Goods[c]	444.55	451.68	400.98	41.2	41.9	37.9	10.79	10.78	10.58
Fabricated metal products	364.59	398.05	360.40	39.5	41.9	38.3	9.23	9.50	9.41
Fabricated structural metal products	367.25	433.62	354.90	37.9	43.8	36.4	9.69	9.90	9.75
Machinery, except electrical	413.55	407.13	382.98	41.9	41.8	39.2	9.87	9.74	9.77
Metalworking machinery	457.30	429.62	422.18	42.5	40.8	39.2	10.76	10.53	10.77
General industrial machinery	364.81	365.16	343.66	40.4	40.8	38.1	9.03	8.95	9.02
Electric and electronic equipment	353.42	369.70	333.03	39.8	41.4	38.5	8.88	8.93	8.65
Transportation equipment	618.79	617.04	529.95	43.7	43.7	36.7	14.16	14.12	14.44
Motor vehicles and equipment	702.52	694.62	633.60	45.5	45.4	40.0	15.44	15.30	15.84
Nondurable Goods[d]	439.85	442.44	442.00	41.3	41.7	40.0	10.65	10.61	11.05
Food and kindred products	444.17	451.52[h]	487.45	40.9	41.5	41.1	10.86	10.88[h]	11.86
Beverages	488.34	509.72	474.97	40.8	42.3	40.7	11.97	12.05	11.67
Apparel and other textile products	204.23	213.40	207.75	36.6	38.8	33.4	5.58	5.50	6.22
Paper and allied products	403.01	395.62	353.99	42.2	41.6	37.9	9.55	9.51	9.34
Printing and publishing	432.30	438.13	417.96	39.3	39.4	38.7	11.00	11.12	10.80
Commercial printing	488.45	502.47	460.08	42.4	42.8	40.5	11.52	11.74	11.36
Chemicals and allied products	529.58	524.03	550.62	42.4	42.5	42.0	12.49	12.33	13.11
Rubber and misc. plastics products	394.63	432.29	352.38	45.1	47.4	41.9	8.75	9.12	8.41
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	509.79	506.97	478.40	39.7	39.3	38.8	12.84	12.90	12.33
WHOLESALE TRADE	368.95	381.11	356.59	39.8	40.5	39.1	9.27	9.41	9.12
RETAIL TRADE	155.35	157.47	152.82	28.4	29.0	28.3	5.47	5.43	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	241.58	241.12	232.81						

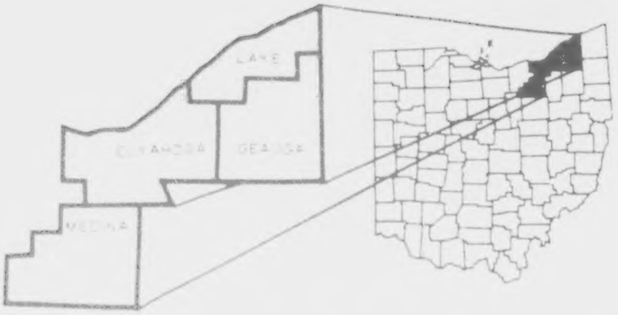
*See Technical Notes for concepts. [p]Preliminary. [r]Revised. [b]Based on unrounded figures. [c]Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [d]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [e]Includes mining. [f]Money payments only; tips not included. [g]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [h]Depressed due to labor-management disputes. [i]Not comparable with previous figures due to change in sample composition.

Selected Administrative Program Activities[a]

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	3,875	5,044	4,183
Active File of Job Seekers	35,872	30,339	39,139
Referrals to Jobs	1,724	1,808	1,518
Placements	457	452	386
Job Openings Received	818	800	780
Job Openings Unfilled	1,437	1,849	1,666
Unemployment Insurance Program			
Initial Claims	5,242	7,785	5,844
Continued Claims	53,909	61,390	62,522
First Payments	3,391	4,600	4,192
Last Payments	633	823	755
Weeks Compensated	45,338	50,814	52,371
Benefits Paid	$6,547,582	$7,110,418	$7,370,232
Average Weekly Payment	$144.77	$142.63	$143.34

[a]Ohio data only

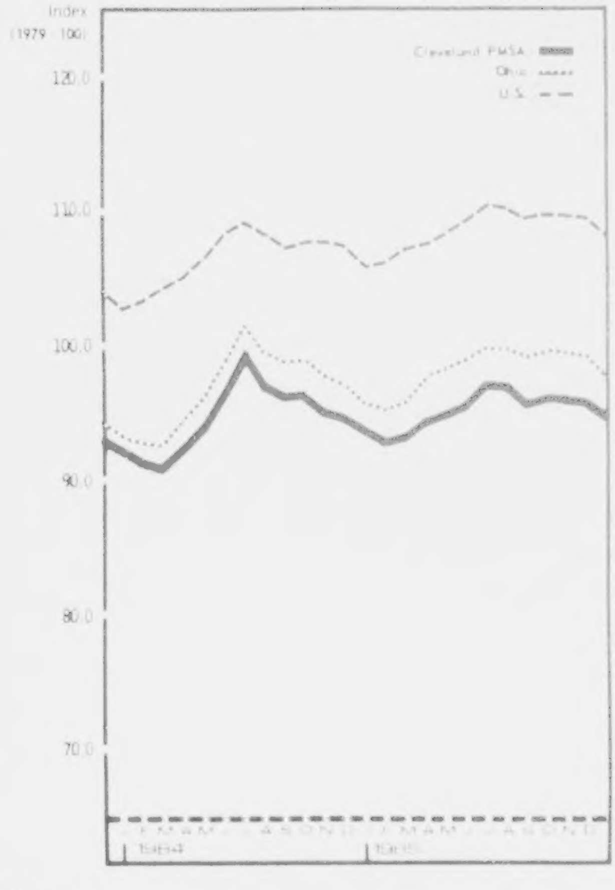
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



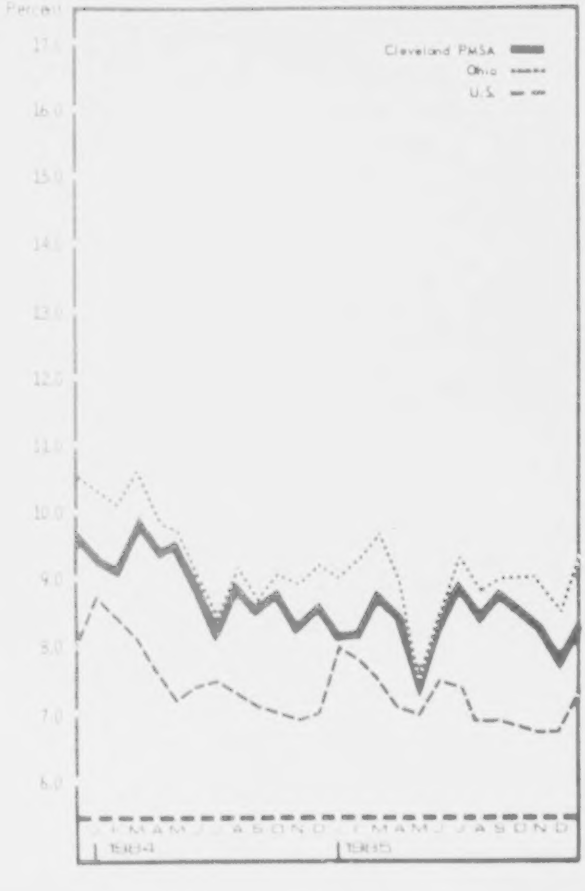
Nonfarm wage and salary employment in Cleveland totaled 864,900 in February 1986, down 700 from January. Manufacturing fell 1,400 to 205,700. Reductions in metalworking machinery and metal forgings and stampings accounted for most of the loss. Employment in nonmanufacturing rose 700 from January, to 659,200. Seasonal declines in construction and retail trade were more than offset by increases in local schools and in services. Manufacturing production workers earned an average of $11.39 per hour for a workweek of 41.9 hours in February, up $.05 and .1 hours from the previous month.

Nonagricultural employment rose 19,800 from February 1985 to February 1986. Important increases occurred in business and health services, and in retail trade, although virtually all nonmanufacturing categories registered gains. Manufacturing industries declined 6,400 over the year. Losses were recorded in all durable-goods industries, with greatest declines in metalworking machinery, construction and related machinery, and metal forgings and stampings.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

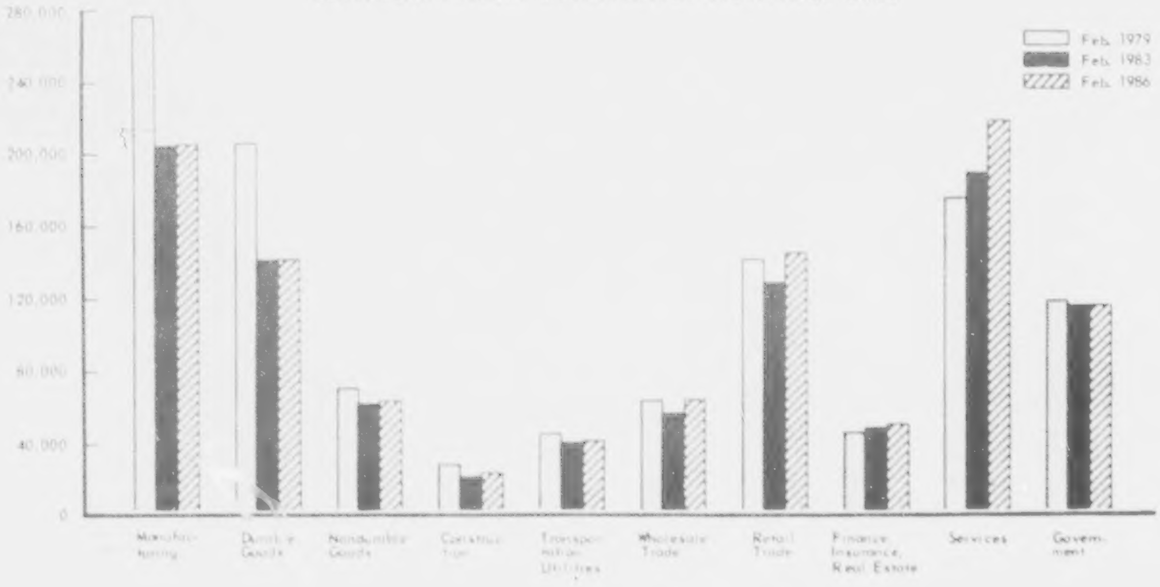
Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	825.[illegible]	[illegible]	[illegible]	1975	[illegible]	260.[illegible]	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	880.0	265.1	180.9	260.62	41.9	6.22
[illegible]	[illegible]	64.0	[illegible]	1977	883.0	270.8	184.0	292.75	42.8	6.84
[illegible]	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	[illegible]	278.3	186.0	337.60	42.2	8.00
937.2	[illegible]	68.0	7.3	1980	895.1	[illegible]	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	88[illegible]	246.8	161.8	395.38	41.1	9.62
933.4	835.2	110.2	[illegible]	1982	844.8	225.0	141.8	402.99	39.9	10.10
978.5	823.4	[illegible]	12.3	1983	[illegible]	201.3	132.4	427.41	40.9	10.45
923.4	[illegible]	87.6	9.8	1984	[illegible]	213.8	137.5	456.12	42.0	10.86
[illegible]	849.8	75.5	8.3	1985	860.5	215.7	135.1	467.74	41.8	11.19
				1985						
905.3	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	136.9	472.64	42.2	11.20
897.7	[illegible]	[illegible]	[illegible]	February	[illegible]	[illegible]	136.4	461.90	41.5	11.13
[illegible]	[illegible]	[illegible]	[illegible]	March	[illegible]	[illegible]	136.2	468.00	42.2	11.09
915.8	[illegible]	[illegible]	[illegible]	April	[illegible]	[illegible]	135.0	464.87	41.8	11.12
[illegible]	[illegible]	[illegible]	[illegible]	May	[illegible]	[illegible]	135.6	469.14	42.0	11.17
[illegible]	[illegible]	[illegible]	[illegible]	June	[illegible]	[illegible]	136.0	472.22	42.2	11.19
948.3	[illegible]	[illegible]	[illegible]	July	[illegible]	[illegible]	134.4	452.76	40.9	11.07
940.8	[illegible]	[illegible]	[illegible]	August	[illegible]	[illegible]	133.2	466.21	41.7	11.18
[illegible]	[illegible]	[illegible]	[illegible]	September	[illegible]	[illegible]	136.3	472.92	42.0	11.26
[illegible]	[illegible]	[illegible]	[illegible]	October	[illegible]	[illegible]	134.1	467.58	41.6	11.24
[illegible]	[illegible]	[illegible]	[illegible]	November	[illegible]	[illegible]	134.8	467.58	41.6	11.24
[illegible]	[illegible]	[illegible]	[illegible]	December	[illegible]	208.3	134.2	480.11	42.3	11.35
				1986						
[illegible]	[illegible]	[illegible]	[illegible]	January	[illegible]	[illegible]	131.6	474.01	41.8	11.34
(P)	(P)	(P)	(P)	February	[illegible]	205.7	132.2	477.24	41.9	11.39

(P) - Preliminary [illegible]

[illegible] benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES

CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986	January 1986	February 1985	From Last Month	From Last Year
TOTAL	864.9	865.6	845.2	- .7	19.8
MANUFACTURING	205.7	207.1	212.1	- 1.4	- 6.4
Durable Goods*	141.9	143.3	147.6	- 1.3	- 5.7
Primary metal industries	22.2	22.5	23.1	- .2	- .9
Blast furnace and basic steel products	10.4	10.4	10.8	.0	- .4
Iron and steel foundries	5.6	5.6	5.7	.0	- .1
Fabricated metal products	32.5	32.9	33.2	- .4	- .7
Fabricated structural metal products	3.6	3.8	3.5	.0	.2
Screw machine products, bolts, etc	4.7	4.7	4.8	.0	- .1
Metal forgings and stampings	10.7	11.1	11.4	- .3	- .7
Machinery, except electrical	31.0	31.9	33.6	- .9	- 2.6
Construction and related machinery	3.0	3.0	4.1	.0	- 1.1
Metalworking machinery	9.3[d]	10.1	10.7	- .8	- 1.4
Special industry machinery	3.5	3.6	3.7	- .1	- .2
General industrial machinery	3.0	3.0	3.0	.0	.0
Electric and electronic equipment	19.2	19.1	19.9	.1	- .7
Electrical industrial apparatus	6.9	6.9	7.1	.0	- .2
Transportation equipment	19.7	19.8	20.2	.0	- .5
Motor vehicles and equipment	12.6	12.7	13.2	.0	- .6
Instruments and related products	7.7	7.8	7.9	.0	- .1
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods[c]	63.8	63.8	64.6	.0	- .8
Food and kindred products	7.0	7.0	6.8	.0	.2
Apparel and other textile products	4.8	4.8	5.0	.0	- .2
Paper and allied products	5.2	5.2	5.5	.0	- .3
Printing and publishing	15.5	15.5	15.8	.0	- .3
Chemicals and allied products	13.7	13.6	14.1	.1	- .4
Rubber and misc. plastics products	11.8	12.0	11.8	- .2	.0
NONMANUFACTURING	659.2	658.6	633.0	.7	26.2
CONSTRUCTION	23.7	24.8	23.2	- 1.1	.5
TRANSPORTATION AND PUBLIC UTILITIES	41.2	41.2	39.8	.0	1.4
Trucking and warehousing	11.6	11.5	10.8	.1	.8
Communication, electric, gas services	18.5	18.5	18.0	.0	.5
WHOLESALE TRADE	63.5	63.7	61.9	- .2	1.6
Wholesale trade-durable goods	44.2	44.4	43.0	- .2	1.2
RETAIL TRADE	144.7	145.9	138.8	- 1.2	5.9
General merchandise stores	19.7	20.5	19.8	- .8	- .1
FINANCE, INSURANCE, AND REAL ESTATE	49.9	49.7	48.7	.2	1.2
Banking	13.0	13.0	12.7	.0	.3
Credit agencies other than banks	8.1	8.0	8.0	.1	.1
Insurance carriers	11.4	11.3	11.2	.1	.2
SERVICES	219.0	217.6	204.4	1.4	14.6
Business services	47.4	47.2	41.6	.2	5.8
Amusement and recreation services	6.1	6.2	6.5	- .1	- .4
Health services	68.2	68.3	65.5	.0	2.7
GOVERNMENT	116.3	114.7	115.2	1.6	1.1
Federal government	19.9	19.9	19.4	.0	.5
State government	8.1	7.9	8.0	.2	.1
State government education	3.1	2.9	3.0	.2	.1
State government, except education	5.0	5.0	4.9	.0	.1
Local government	88.3	86.8	87.8	1.5	.5
Local government education	44.5	42.9	44.4	1.6	.1
Local government, except education	43.8	43.9	43.4	- .1	.4

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

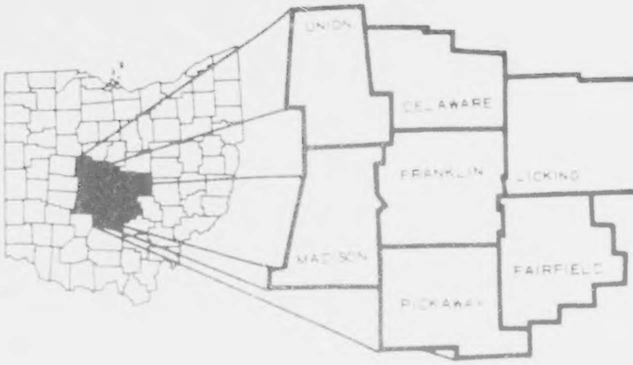
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$477.24	$474.01	$461.90	41.9	41.8	41.5	$11.39	$11.34	$11.13
Durable Goods[e]	512.48	504.71	490.98	42.6	42.2	42.0	12.03	11.96	11.69
Primary metal industries	582.58	581.22	546.81	42.9	42.8	41.3	13.58	13.58	13.24
Blast furnace and basic steel products	514.88	512.13	488.70	37.5	37.3	36.2	13.73	13.73	13.50
Iron and steel foundries	816.41	846.69	781.32	49.3	50.7	48.2	16.56	16.70	16.21
Fabricated metal products	489.52	480.17	457.15	42.2	41.9	41.0	11.60	11.46	11.15
Fabricated structural metal products	369.04	366.62	347.39	40.2	40.2	40.3	9.18	9.12	8.62
Screw machine products, bolts, etc	424.85	439.98	399.27	42.4	42.8	40.7	10.02	10.28	9.81
Metal forgings and stampings	650.96	613.99	592.19	45.3	43.7	43.1	14.37	14.05	13.74
Machinery, except electrical	468.35	456.04	485.07	42.5	41.8	43.7	11.02	10.91	11.10
Construction and related machinery	443.25	421.61	437.06	45.0	43.6	41.0	9.85	9.67	10.66
Metalworking machinery	400.97	403.20	402.52	39.7	40.0	40.7	10.10	10.08	9.89
Special industry machinery	501.08	495.33	508.90	42.5	42.3	43.2	11.79	11.71	11.78
General industrial machinery	458.78	438.27	429.00	43.2	41.9	42.1	10.62	10.46	10.19
Electric and electronic equipment	421.78	410.34	407.82	40.4	39.8	40.1	10.44	10.31	10.17
Electrical industrial apparatus	458.38	449.85	417.37	41.0	40.6	40.6	11.18	11.08	10.28
Transportation equipment	690.58	686.89	643.42	46.1	46.1	44.9	14.98	14.90	14.33
Motor vehicles and equipment	726.54	721.47	678.15	46.1	46.1	45.0	15.76	15.65	15.07
Instruments and related products	418.77	423.15	383.88	42.3	42.7	42.0	9.90	9.91	9.14
Measuring and controlling devices	398.69	396.79	410.05	42.1	41.9	43.3	9.47	9.47	9.47
Nondurable Goods[f]	390.91	396.42	383.36	40.3	40.7	40.1	9.70	9.74	9.56
Food and kindred products	352.44	381.63	382.73	39.6	41.8	40.5	8.90	9.13	9.45
Apparel and other textile products	284.77	278.10	270.34	37.5	36.4	37.6	7.68	7.64	7.19
Paper and allied products	447.12	452.61	430.02	43.2	43.9	42.2	10.35	10.31	10.19
Printing and publishing	396.68	386.51	361.34	37.6	37.2	35.6	10.55	10.39	10.15
Chemicals and allied products	478.55	474.05	497.80	42.2	42.1	43.4	11.34	11.26	11.47
Rubber and misc. plastics products	361.18	394.66	359.55	41.9	43.9	42.3	8.62	8.99	8.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	538.87	538.46	521.77	40.7	40.7	40.7	13.24	13.23	12.82
WHOLESALE TRADE	369.60	386.12	356.98	38.5	39.4	39.1	9.60	9.80	9.13
RETAIL TRADE	176.68	172.36	169.35	28.0	27.8	27.9	6.31	6.20	6.07
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	264.27	294.98	259.69	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, stone, clay, and glass products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State Universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	8,972	6,935	8,084
Active File of Job Seekers	121,328	118,033	121,681
Referrals to Jobs	2,143	1,712	1,980
Placements	362	313	425
Job Openings Received	875	1,207	1,083
Job Openings Unfilled	1,759	1,757	2,143
Unemployment Insurance Program			
Initial Claims	9,596	12,980	8,947
Continued Claims	100,349	127,122	107,312
First Payments	5,512	7,698	5,940
Last Payments	1,397	1,625	1,236
Weeks Compensated	86,011	92,833	86,226
Benefits Paid	$13,085,553	$13,918,808	$12,835,520
Average Weekly Payment	$154.28	$152.07	$151.04

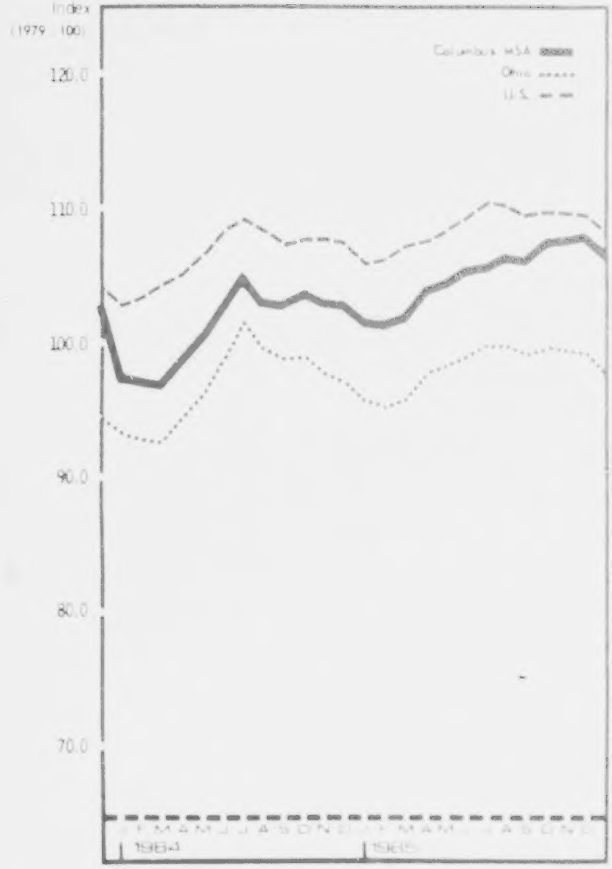
COLUMBUS
METROPOLITAN STATISTICAL AREA



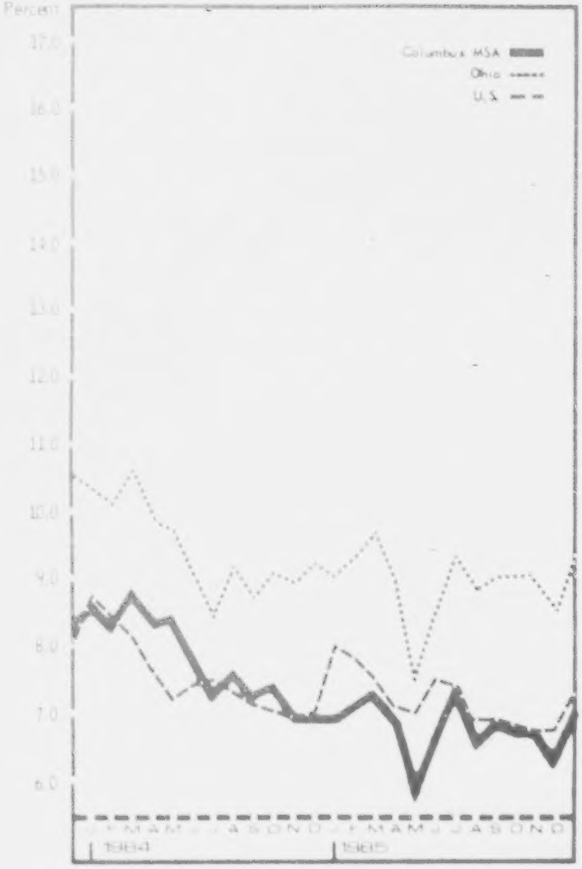
Columbus nonagricultural wage and salary employment in February, at 619,500, was down 500 from January. In nonmanufacturing, seasonal declines in retail trade and construction outweighed increases in services employment. The number of manufacturing jobs was reduced in February, especially in nonelectrical machinery. Production workers in manufacturing earned an average of $11.05 per hour, unchanged from January. They worked an average 41.0 hours per week, up .1 hours.

From February 1985 to February 1986, nonfarm employment in Columbus rose 35,300. With the exception of transportation and public utilities, employment was up in the nonmanufacturing sector. Greatest increases were reported in services and retail trade. Manufacturing had modest employment gains over the year, with improvements concentrated in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Columbus MSA Labor Force & Employment Data

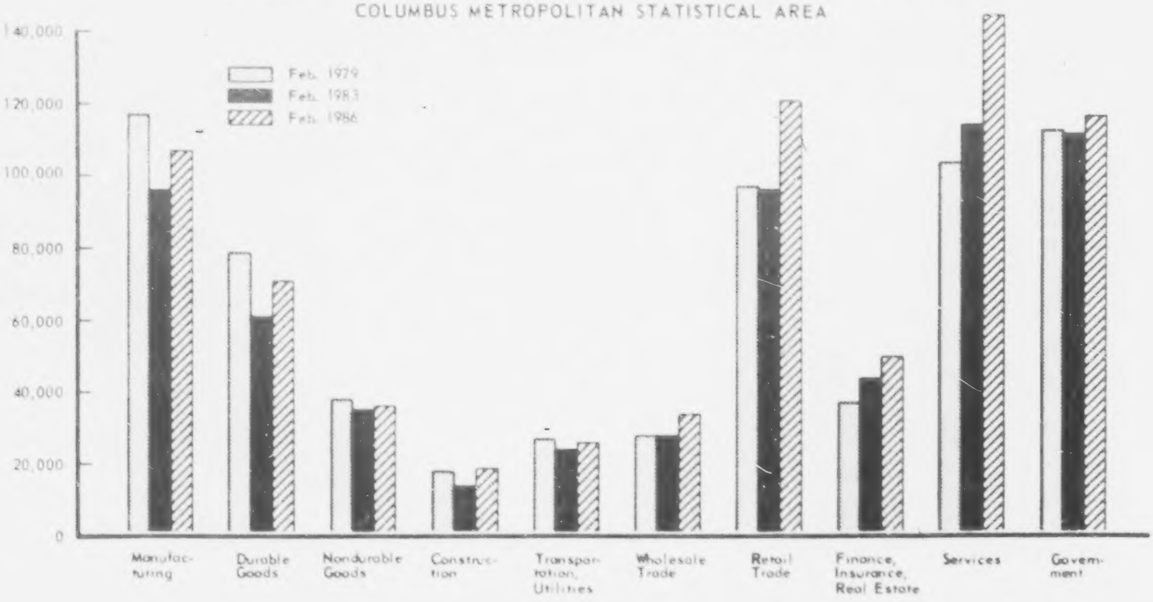
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.6	587.4	60.2	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.4	584.3	49.1	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
628.2	584.8	43.4	6.9	January	580.2	105.3	70.4	428.79	40.3	10.64
629.3	584.7	44.6	7.1	February	584.1	105.4	70.7	409.32	37.9	10.80
636.6	589.9	46.7	7.3	March	589.5	105.2	70.3	452.45	41.7	10.85
644.3	600.5	43.8	6.8	April	599.1	105.2	70.3	441.72	40.9	10.80
640.8	604.3	36.5	5.7	May	606.3	105.7	70.8	433.76	40.5	10.71
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.52	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
659.8	613.6	46.1	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
INA	INA	INA	INA	February	619.5	106.5	71.0	453.05	41.0	11.05

INA Information not available

1984 and 1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	619.5	620.0	584.1	- .5	35.3
MANUFACTURING	106.5	106.8	105.4	- .3	1.1
Durable Goods[e]	70.8	71.1	70.1	- .3	.7
Stone, clay, and glass products	11.6	11.4	11.9	.1	- .3
Glass and glassware, pressed or blown	4.5	4.4	5.1	.1	- .6
Fabricated metal products	10.2	10.3	10.8	- .1	- .6
Fabricated structural metal products	3.0	3.0	3.1	.0	- .1
Machinery, except electrical	10.1	10.4	10.8	- .3	- .6
Electric and electronic equipment	11.0	11.1	12.0	- .1	- 1.0
Transportation equipment	16.4	16.3	13.2	.0	3.2
Instruments and related products	4.4	4.4	4.3	.0	.1
Nondurable Goods[f]	35.7	35.7	35.3	.0	.4
Food and kindred products	9.6	9.5	9.8	.1	- .2
Printing and publishing	9.6	9.7	9.3	- .1	.3
Chemicals and allied products	6.9	6.8	6.9	.0	.0
Rubber and misc. plastics products	5.3	5.2	5.0	.1	.3
NONMANUFACTURING[g]	513.0	513.2	478.7	- .2	34.2
CONSTRUCTION	19.3	20.0	17.4	- .7	1.9
TRANSPORTATION AND PUBLIC UTILITIES	25.8	25.7	25.9	.1	- .1
Trucking and warehousing	10.9	10.8	10.6	.1	.3
Communication, electric, gas services	11.0	11.0	11.5	.0	- .4
WHOLESALE TRADE	34.2	33.9	32.4	.3	1.8
Wholesale trade-durable goods	23.0	22.8	21.3	.2	1.7
RETAIL TRADE	120.9	122.8	110.6	- 1.9	10.3
General merchandise stores	14.5	15.9	15.4	- 1.5	- .9
FINANCE, INSURANCE, AND REAL ESTATE	50.4	50.3	47.8	.0	2.6
Banking	11.0	11.1	10.1	- .1	.9
Insurance carriers	19.8	19.7	19.0	.1	.8
SERVICES	144.7	143.4	130.2	1.3	14.5
Business services	32.7	32.5	28.0	.3	4.7
Health services	36.7	36.6	35.0	.1	1.7
GOVERNMENT	116.8	116.1	113.4	.6	3.4
Federal government	15.5	15.4	14.8	.1	.7
State government	51.9	51.3	50.0	.6	1.9
State government education	23.1	22.8	21.9	.3	1.2
State government, except education	28.8	28.6	28.1	.3	.7
Local government	49.4	49.4	48.5	.0	.8
Local government education	29.5	29.5	29.1	.0	.4
Local government, except education	19.9	19.9	19.4	.0	.4

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$453.05	$451.95	$409.32	41.0	40.9	37.9	$11.05	$11.05	$10.80
Durable Goods[e]	464.71	467.81	420.74	40.8	41.0	37.6	11.39	11.41	11.19
Stone, clay, and glass products	461.36	461.76	428.09	39.5	39.5	37.0	11.68	11.69	11.57
Glass and glassware, pressed or blown	437.47	429.03	413.66	39.2	37.9	37.0	11.16	11.32	11.18
Fabricated metal products	488.38	498.96	468.34	39.9	40.5	37.8	12.24	12.32	12.39
Fabricated structural metal products	395.18	377.89	350.57	39.4	38.6	35.7	10.03	9.79	9.82
Machinery, except electrical	399.84	410.04	375.12	39.2	40.2	37.7	10.20	10.20	9.95
Electric and electronic equipment	461.25	470.30	419.39	41.0	41.4	38.3	11.25	11.36	10.95
Transportation equipment	546.56	538.59	482.30	43.9	43.4	39.5	12.45	12.41	12.21
Instruments and related products	371.33	371.33	298.82	39.8	39.8	33.5	9.33	9.33	8.92
Nondurable Goods	424.56	414.93	382.91	41.3	40.6	38.6	10.28	10.22	9.92
Food and kindred products	399.96	393.96	364.47	40.4	40.2	38.0	9.90	9.80	9.59
Printing and publishing	483.44	483.88	459.36	39.4	39.5	39.6	12.27	12.25	11.60
Chemicals and allied products	507.28	503.37	483.19	42.7	42.3	42.2	11.88	11.90	11.45
Rubber and misc. plastics products	356.31	329.60	284.70	43.4	41.2	36.5	8.21	8.00	7.80
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	522.06	522.57	523.33	39.7	39.8	40.6	13.15	13.13	12.89
WHOLESALE TRADE	310.40	309.60	289.92	38.8	38.7	38.4	8.00	8.00	7.55
RETAIL TRADE[h]	168.49	168.78	152.25	28.9	29.0	26.9	5.83	5.82	5.66
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	[illegible]	[illegible]	[illegible]	....	....	....	.....	.....	.....

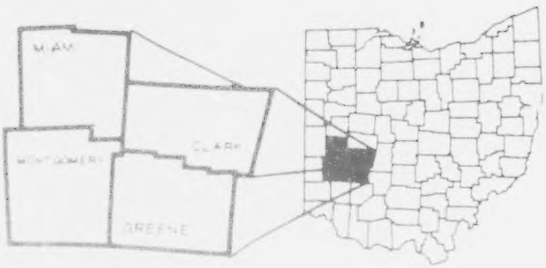
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,839	5,071	5,165
Active File of Job Seekers	44,268	42,332	60,064
Referrals to Jobs	2,068	2,300	1,774
Placements	667	392	391
Job Openings Received	1,451	1,306	1,334
Job Openings Unfilled	6,014	6,562	5,371
Unemployment Insurance Program			
Initial Claims	5,367	5,721	6,318
Continued Claims	55,333	67,675	59,633
First Payments	3,311	4,737	3,909
Last Payments	694	721	629
Weeks Compensated	46,408	52,946	49,353
Benefits Paid	$7,029,088	$7,689,739	$6,932,840*
Average Weekly Payment	$147.71	$148.66	$142.85

*Revised.

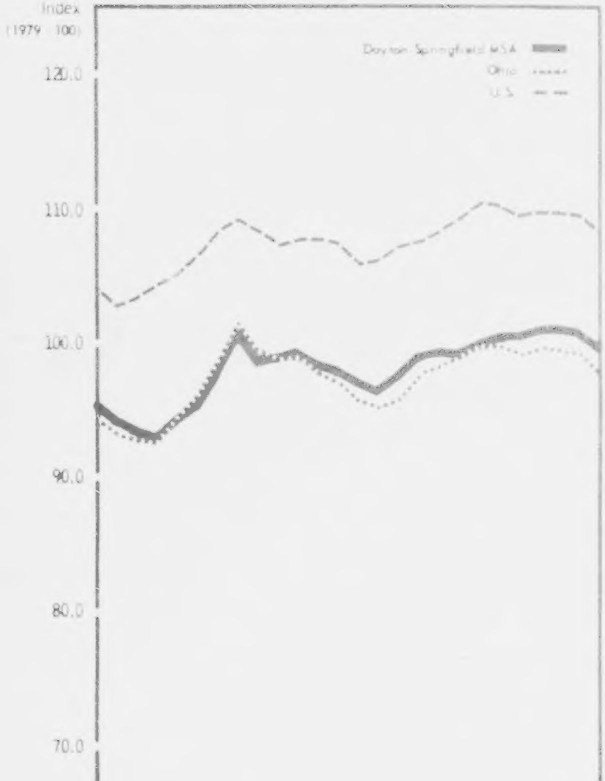
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA



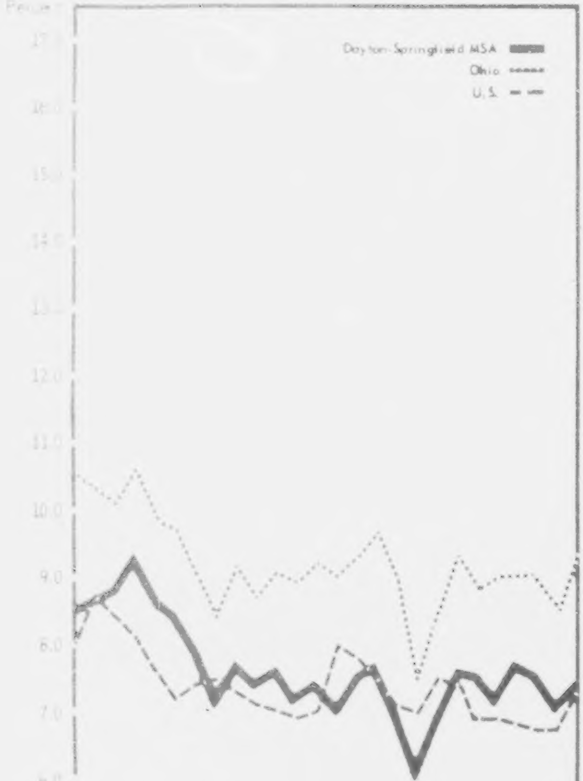
Nonagricultural wage and salary employment in the Dayton-Springfield area, at 409,200 in February 1986, was down 700 from January. Declines were concentrated in nonmanufacturing, with seasonal losses in retail trade and construction. Scattered minor changes in manufacturing resulted in a small net loss for the month, to 105,600. Hourly earnings of factory production workers dropped $.05, to $12.18 an hour. The average workweek, at 43.6 hours, was down .1 hours.

Over the year, nonagricultural wage and salary employment rose 13,800. Nearly all of the increase occurred in nonmanufacturing, with significant improvements in services and retail trade employment. The number of construction and federal government workers in the area also increased. In manufacturing, gains in transportation equipment were nearly overshadowed by losses in nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Dayton-Springfield MSA Labor Force & Employment Data

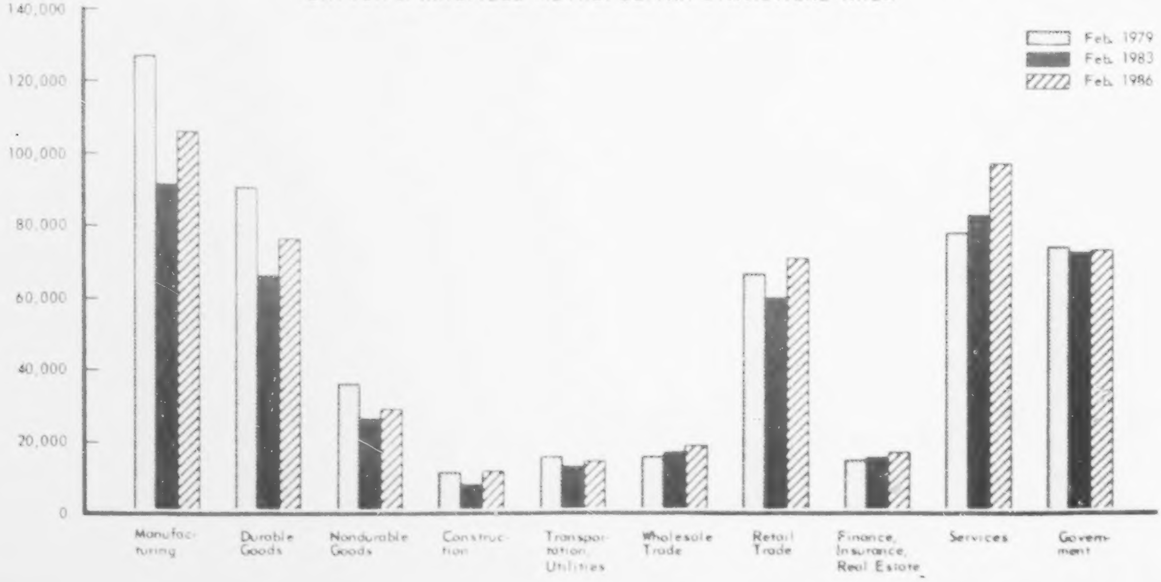
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.4	391.9	46.5	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.1	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
437.6	406.8	30.9	7.0	January	396.5	105.1	68.6	509.95	43.4	11.75
435.6	403.1	32.6	7.5	February	395.4	105.5	68.7	482.70	40.7	11.86
442.4	408.4	34.0	7.7	March	401.0	106.3	69.4	505.13	43.1	11.72
444.5	413.6	30.8	6.9	April	405.7	106.3	69.1	511.49	43.2	11.84
441.9	415.4	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.1	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.8	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
449.8	416.5	33.3	7.4	January	409.8	105.7	68.5	534.45	43.7	12.23
INA	INA	INA	INA	February	409.2	105.6	68.4	531.05	43.6	12.18

INA Information not available

1984 and 1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	409.2	409.9	395.4	- .7	13.8
MANUFACTURING	105.6	105.7	105.5	- .1	.1
Durable Goods*	76.3	76.2	76.8	.1	- .5
Fabricated metal products	8.1	8.1	8.2	.0	- .1
Machinery, except electrical	32.0	31.9	32.9	.1	- .9
Metalworking machinery	7.2	7.3	7.0	- .1	.2
General industrial machinery	2.5	2.5	2.9	.0	- .4
Electric and electronic equipment	5.2	5.2	5.6	.0	- .4
Electrical industrial apparatus	2.8	2.8	2.8	.0	.0
Transportation equipment	22.0	22.0	20.9	.0	1.1
Nondurable Goods	29.3	29.5	28.7	- .2	.6
Food and kindred products	2.9	3.0	2.9	- .1	.0
Paper and allied products	5.9	5.9	5.7	.0	.2
Printing and publishing	8.4	8.5	8.2	- .1	.2
Rubber and misc. plastics products	8.4	8.4	8.2	.0	.2
NONMANUFACTURING	303.7	304.2	290.0	- .6	13.7
CONSTRUCTION	11.7	12.4	10.2	- .8	1.5
TRANSPORTATION AND PUBLIC UTILITIES	14.5	14.4	14.0	.1	.5
Communication, electric, gas services	5.9	5.9	6.1	.0	- .2
WHOLESALE TRADE	19.4	19.5	18.5	- .1	.9
Wholesale trade-durable goods	13.2	13.3	12.7	- .1	.5
RETAIL TRADE	71.3	72.4	66.6	- 1.1	4.7
General merchandise stores	10.8	11.5	11.0	- .7	- .2
FINANCE, INSURANCE, AND REAL ESTATE	16.8	16.8	16.0	.0	.8
Banking	4.2	4.2	4.0	.0	.2
Credit agencies other than banks	4.4	4.4	3.9	.0	.5
Insurance carriers	2.8	2.8	3.1	.0	- .3
SERVICES	96.5	96.0	91.7	.5	4.8
Business services	21.7	21.6	18.8	.1	2.9
Health services	33.5	33.6	33.3	- .1	.2
Educational services	7.5	7.0	7.7	.4	- .2
GOVERNMENT	73.1	72.4	72.7	.7	.4
Federal government	27.6	27.5	26.6	.1	1.0
State government	6.8	6.5	6.6	.3	.2
State government education	4.2	3.9	4.0	.3	.2
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.7	38.4	39.5	.3	- .8
Local government education	24.7	24.3	25.1	.4	- .4
Local government, except education	14.0	14.1	14.4	- .1	- .4

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

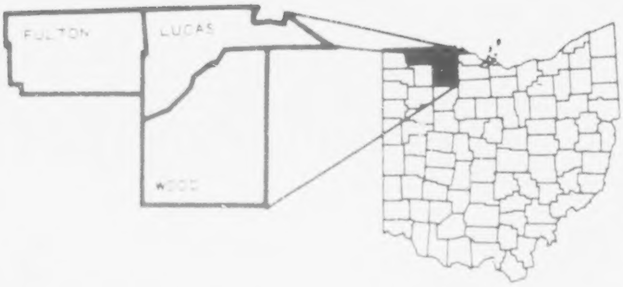
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$531.05	$534.45	$482.70	43.6	43.7	40.7	$12.18	$12.23	$11.86
Durable Goods[e]	549.05	554.34	490.01	44.1	44.1	40.8	12.45	12.57	12.01
Fabricated metal products	373.84	352.34	325.93	41.4	39.5	38.3	9.03	8.92	8.51
Machinery except electrical	562.28	563.16	524.41	44.1	44.1	42.6	12.75	12.77	12.31
Metalworking machinery	527.09	528.26	500.20	45.4	45.5	43.8	11.61	11.61	11.42
General industrial machinery	405.60	401.00	406.36	40.0	40.1	39.8	10.14	10.00	10.21
Electric and electronic equipment	383.64	387.49	326.70	41.7	41.8	38.8	9.20	9.27	8.42
Electrical industrial apparatus	441.53	448.92	346.56	43.5	43.5	38.0	10.15	10.32	9.12
Transportation equipment	694.43	712.34	609.18	46.7	47.3	41.3	14.87	15.06	14.75
Nondurable Goods	482.09	477.00	462.18	42.4	42.4	40.4	11.37	11.25	11.44
Food and kindred products	388.51	384.13	335.29	44.3	43.9	37.8	8.77	8.75	8.87
Paper and allied products	463.42	446.40	425.20	45.3	45.0	43.7	10.23	9.92	9.73
Printing and publishing	434.52	426.37	396.68	40.8	40.3	38.7	10.65	10.58	10.25
Rubber and misc. plastics products	607.74	609.03	607.62	42.0	42.5	41.0	14.47	14.33	14.82
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	517.18	514.17	504.81	39.6	39.4	39.5	13.06	13.05	12.78
WHOLESALE TRADE	331.48	375.95	367.34	40.8	40.6	40.5	5.35	9.26	9.07
RETAIL TRADE[h]	155.15	157.77	147.97	29.0	29.6	27.3	5.35	5.33	5.42

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	3,241	3,952	3,014
Active File of Job Seekers	32,825	32,268	37,198
Referrals to Jobs	1,247	1,813	1,353
Placements	226	354	283
Job Openings Received	540	841	643
Job Openings Unfilled	892	1,102	1,184
Unemployment Insurance Program			
Initial Claims	2,889	5,368	3,102
Continued Claims	39,000	43,411	36,561
First Payments	2,596	2,873	2,452
Last Payments	351	564	412
Weeks Compensated	36,001	36,884	33,425
Benefits Paid	$5,107,405	$5,139,875	$4,446,231
Average Weekly Payment	$143.93	$142.06	$135.36

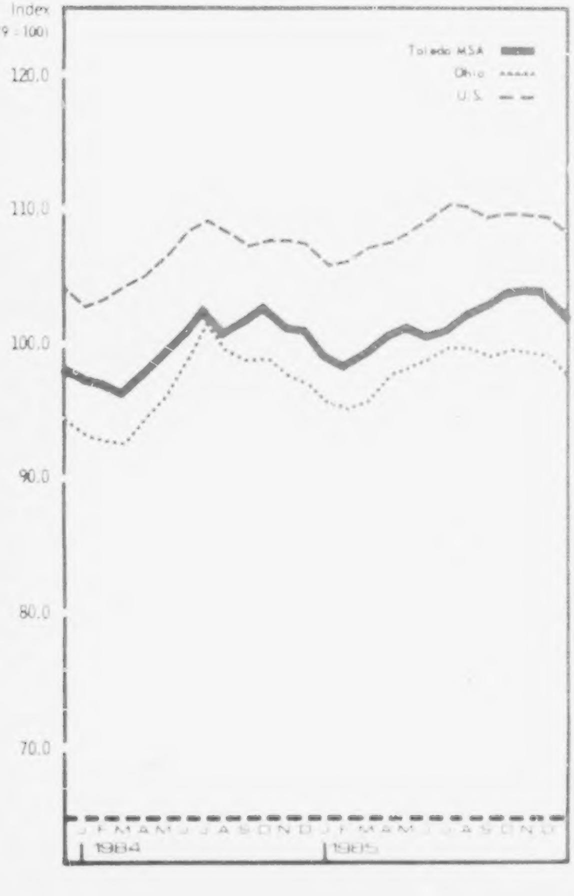
TOLEDO METROPOLITAN STATISTICAL AREA



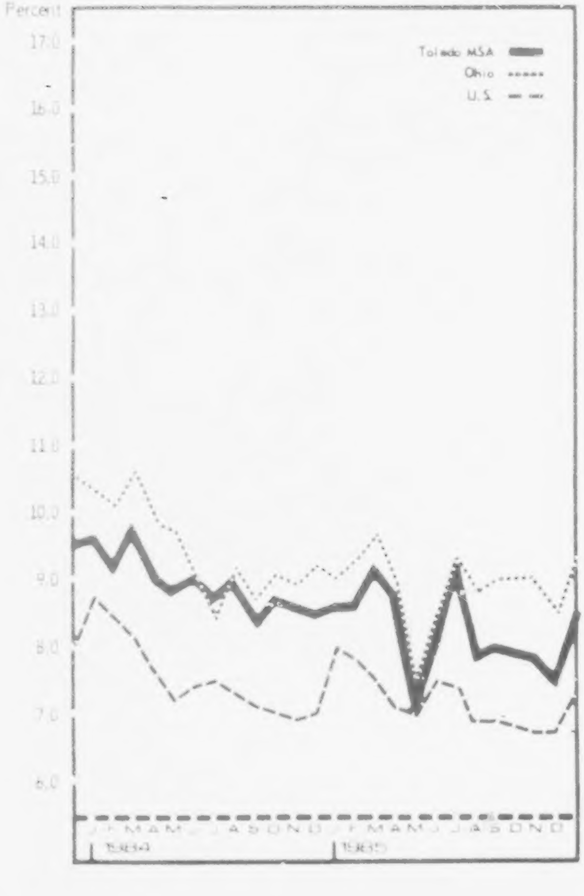
Nonfarm wage and salary establishments in Toledo employed 265,000 in February 1986, down 1,600 from January. Manufacturing declined 2,200 to 63,900 with reductions in most durable-goods industries. In nonmanufacturing, seasonal drops in retail trade and construction were more than offset by seasonal increases in state education and services. Production workers in manufacturing worked an average of 42.7 hours per week in February, down .2 hours from January. They earned $12.45, up $.04.

Toledo nonagricultural wage and salary employment increased by 8,800 between February 1985 and February 1986. The gains occurred in nonmanufacturing, especially in services and retail trade. State and local schools and colleges; finance, insurance, and real estate; and construction recorded smaller improvements. Losses in manufacturing during the period were concentrated in the procuction of durable goods, especially electric and electronic equipment and stone, clay, and glass products.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Toledo MSA Labor Force & Employment Data

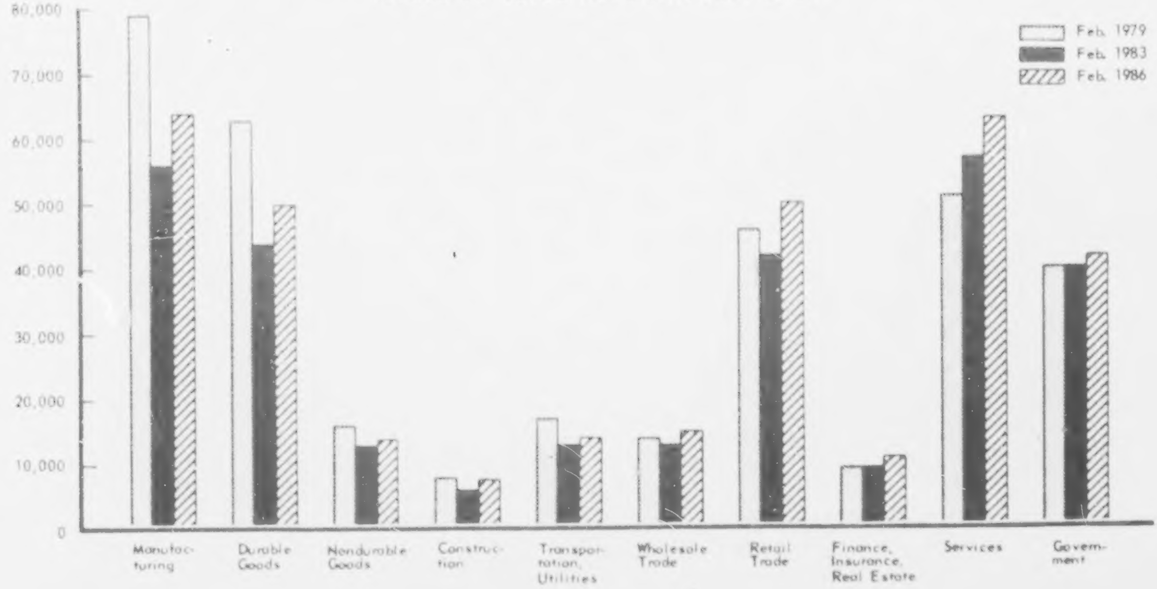
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.1	256.1	33.0	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.4	267.3	26.2	8.9	1984	257.0	64.5	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
289.9	264.9	25.0	8.6	January	256.0	64.6	45.2	529.48	43.4	12.20
287.9	263.2	24.7	8.6	February	256.2	64.6	45.2	507.55	41.5	12.23
292.9	265.9	27.0	9.2	March	259.1	65.0	45.5	519.23	42.7	12.16
294.6	269.1	25.5	8.7	April	261.8	64.7	45.4	507.83	41.9	12.12
291.1	270.8	20.3	7.0	May	264.9	64.8	45.6	513.15	42.2	12.16
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
297.4	272.1	25.4	8.5	January	266.5	66.0	46.6	532.39	42.9	12.41
INA	INA	INA	INA	February	265.0	63.9	44.4	531.62	42.7	12.45

INA Information not available

1984 and 1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	265.0	266.5	256.2	- 1.6	8.8
MANUFACTURING	63.9	66.0	64.6	- 2.2	- .7
Durable Goods[e]	49.9	52.2	51.0	- 2.3	- 1.1
Stone, clay, and glass products	8.6	8.7	9.2	- .1	- .6
Primary metal industries	3.5	3.5	3.6	.0	- .1
Fabricated metal products	7.6	8.0	7.8	- .3	- .2
Metal forgings and stampings	3.4	3.8	3.6	- .4	- .3
Machinery, except electrical	6.2	6.2	6.1	.0	.1
Electric and electronic equipment	2.0[d]	2.9	3.2	- .9	- 1.2
Transportation equipment	18.1	19.0	17.5	- .9	.6
Motor vehicles and equipment	16.9	17.9	16.3	- 1.0	.6
Nondurable Goods[f]	14.0	13.8	13.6	.1	.4
Food and kindred products	3.7	3.7	3.5	.0	.2
Rubber and misc. plastics products	2.9	2.9	2.8	.0	.1
NONMANUFACTURING[g]	201.1	200.5	191.6	.6	9.5
CONSTRUCTION	7.5	8.0	6.8	- .4	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.5	13.7	.1	.2
Trucking and warehousing	5.4	5.3	5.4	.1	.0
Communication, electric, gas services	4.8	4.8	4.7	.0	.1
WHOLESALE TRADE	14.8	14.7	14.7	.1	.1
Wholesale trade-durable goods	9.8	9.7	10.0	.1	- .1
RETAIL TRADE	49.7	50.7	46.9	- 1.0	2.8
General merchandise stores	6.7	7.1	6.9	- .4	- .2
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.7	9.8	.0	1.0
Banking	3.6	3.6	3.3	.0	.3
SERVICES	62.6	62.2	58.9	.4	3.7
Business services	11.4	11.4	10.1	.0	1.4
Health services	24.9	24.9	24.0	.0	.9
GOVERNMENT	41.9	40.4	40.5	1.4	1.4
State government	15.8	14.6	15.2	1.2	.7
State government education	12.0	10.8	11.4	1.2	.6
State government, except education	3.9	3.8	3.8	.1	.1
Local government	23.5	23.3	22.9	.2	.6
Local government education	13.8	13.5	13.3	.2	.5
Local government, except education	9.8	9.8	9.7	.0	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Toledo MSA

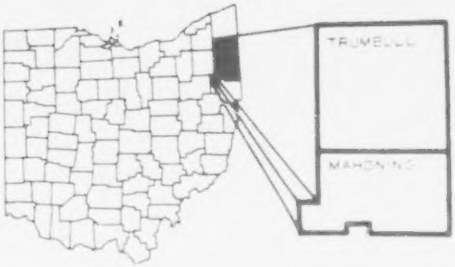
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$531.62	$532.39	$507.55	42.7	42.9	41.5	$12.45	$12.41	$12.23
Durable Goods[e]	558.15	558.14	527.92	43.1	43.3	41.7	12.95	12.89	12.66
Stone, clay, and glass products	591.38	603.40	492.82	44.7	45.3	41.0	13.23	13.32	12.02
Primary metal industries	510.51	501.75	479.53	44.9	44.6	44.9	11.37	11.25	10.68
Fabricated metal products	506.34	484.99	466.49	43.5	42.1	40.6	11.64	11.52	11.49
Metal forgings and stampings	589.75	558.36	539.64	43.3	42.3	41.8	13.62	13.20	12.91
Machinery, except electrical	458.81	455.87	435.72	41.9	41.9	41.3	10.95	10.88	10.55
Electric and electronic equipment	464.05	528.75	499.37	38.8	42.3	41.1	11.96	12.50	12.15
Transportation equipment	638.31	650.26	638.97	42.3	43.7	42.4	15.09	14.88	15.07
Motor vehicles and equipment	638.66	652.44	642.36	42.1	43.7	42.4	15.17	14.93	15.15
Nondurable Goods[f]	435.30	428.26	422.62	41.3	41.1	40.5	10.54	10.42	10.44
Food and kindred products	485.50	442.67	453.17	42.7	40.5	40.9	11.37	10.93	11.08
Rubber and misc. plastics products	337.83	321.17	311.08	40.9	39.7	38.5	8.26	8.09	8.08
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	563.19	580.03	532.58	42.6	42.4	40.5	13.69	13.68	13.15
WHOLESALE TRADE	340.88	346.25	292.87	37.5	37.8	34.7	9.09	9.16	8.44
RETAIL TRADE[h]	150.96	151.05	156.52	28.7	28.5	27.9	5.26	5.30	5.61

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	2,250	2,650	2,290
Active File of Job Seekers	26,821	25,801	38,222
Referrals to Jobs	978	879	894
Placements	213	328	232
Job Openings Received	476	457	383
Job Openings Unfilled	625	585	865
Unemployment Insurance Program			
Initial Claims	5,873	6,653	6,518
Continued Claims	35,169	34,937	34,595
First Payments	2,663	2,371	2,579
Last Payments	330	376	396
Weeks Compensated	27,478	27,987	29,405
Benefits Paid	$4,092,204	$4,032,261	$4,294,780
Average Weekly Payment	$151.78	$147.48	$149.45

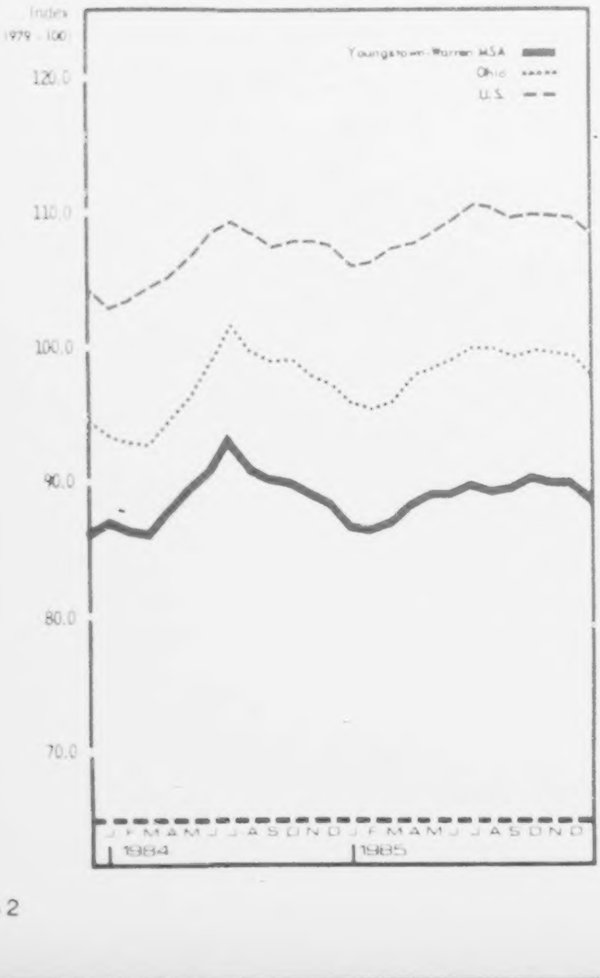
YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA



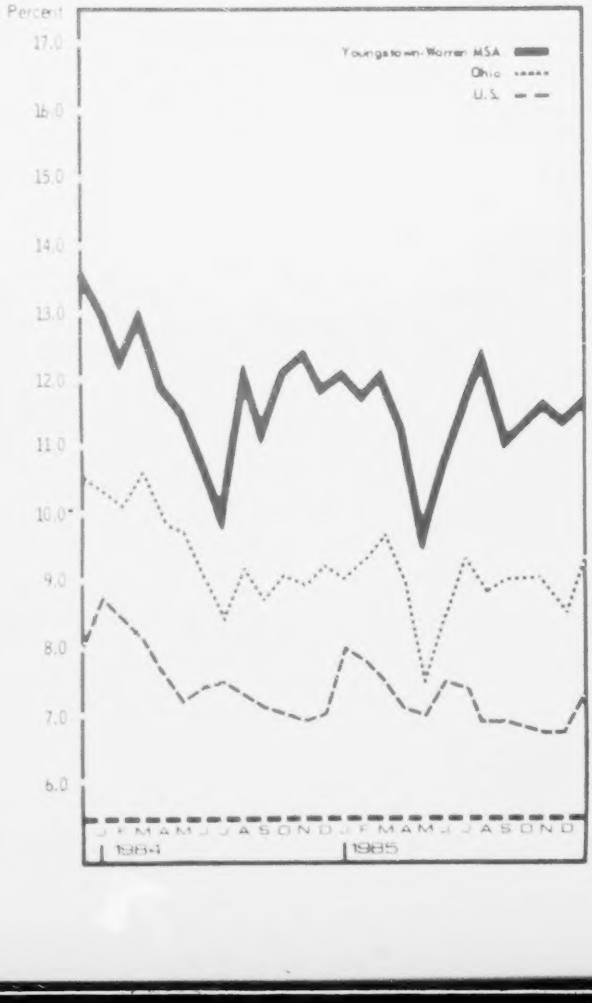
February nonagricultural wage and salary employment in the Youngstown-Warren area totaled 183,500, down 700 from January. Manufacturing employment, at 52,000 in February, was 800 below the level for January, as lack of orders reduced employment in primary metals. In nonmanufacturing, retail trade and construction declined seasonally. Production workers in factories grossed $13.53 per hour in February, down $.04 from January. They had an average workweek of 42.3 hours, unchanged from the previous month.

February 1986 nonfarm wage and salary employment in Youngstown-Warren was 5,000 above the total for February 1985. The over-the-year improvement occurred in retail trade and services, although all nonmanufacturing categories contributed to the gain. In manufacturing, an important increase in transportation equipment was more than offset by losses in virtually all other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Youngstown-Warren MSA Labor Force & Employment Data

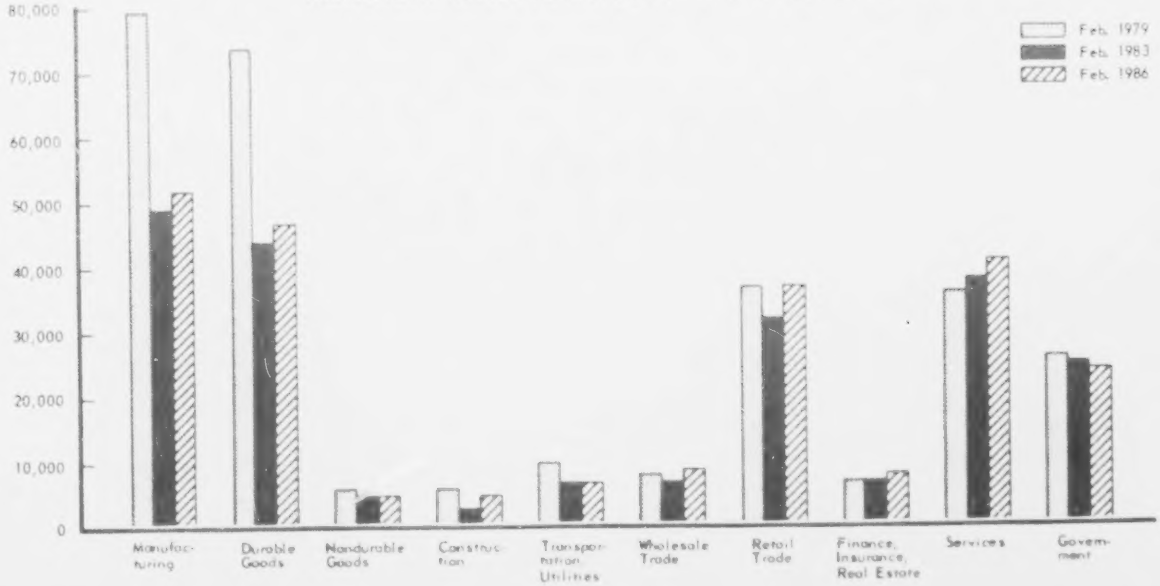
(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	- 1978	210.3	79.4	62.5	351.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.8	38.1	460.60	39.3	11.72
225.6	188.1	37.4	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.1	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
216.7	190.5	26.2	12.1	January	178.2	52.6	39.9	585.20	44.0	13.30
214.8	189.7	25.1	11.7	February	178.5	52.5	39.9	552.02	42.3	13.05
217.7	191.3	26.4	12.1	March	180.5	53.0	40.4	558.99	42.9	13.03
218.6	194.2	24.4	11.2	April	182.9	52.9	40.3	551.59	42.3	13.04
216.4	195.9	20.5	9.5	May	185.7	52.8	40.1	579.88	43.6	13.30
219.3	195.8	23.4	10.7	June	185.2	52.8	39.8	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.8	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.1	25.4	11.6	January	184.2	52.8	39.9	574.01	42.3	13.57
INA	INA	INA	INA	February	181.5	52.0	38.8	572.32	42.3	13.53

INA Information not available

1984 and 1985 Civilian Labor Force data revised to 1985 benchmark.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	February 1986[b]	January 1986[c]	February 1985[c]	From Last Month	From Last Year
TOTAL	183.5	184.2	178.5	- .7	5.0
MANUFACTURING	52.0	52.8	52.5	- .8	- .5
Durable Goods[e]	46.8	47.6	47.4	- .8	- .6
Primary metal industries	20.5	20.9	20.8	- .4	- .3
Blast furnace and basic steel products	6.8	6.8	7.1	.0	- .3
Fabricated metal products	7.5	7.7	8.0	- .1	- .5
Machinery, except electrical	3.3	3.4	4.0	- .1	- .6
Electric and electronic equipment	2.5	2.5	2.7	.0	- .3
Transportation equipment	9.8	9.9	8.6	.0	1.2
Nondurable Goods[f]	5.2	5.2	5.1	.0	.1
NONMANUFACTURING[g]	131.5	131.4	126.0	.1	5.5
CONSTRUCTION	5.2	5.5	4.5	- .3	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.4	7.4	7.4	.0	.0
Communication, electric, gas services	3.0	3.0	3.0	.0	.0
WHOLESALE TRADE	8.9	8.9	8.3	.0	.6
Wholesale trade-durable goods	5.9	5.9	5.5	.0	.4
RETAIL TRADE	36.5	37.2	34.3	- .6	2.2
General merchandise stores	5.5	5.9	5.8	- .3	- .2
FINANCE, INSURANCE, AND REAL ESTATE	7.7	7.6	7.2	.1	.5
Banking	2.8	2.8	2.7	.0	.1
SERVICES[h]	41.1	40.7	39.8	.4	1.3
Health services	17.8	17.8	18.0	.0	- .2
GOVERNMENT	23.9	23.4	23.7	.6	.3
State government	4.2	3.7	4.1	.4	.0
State government education	2.7	2.3	2.7	.4	.0
State government, except education	1.5	1.4	1.4	.0	.0
Local government	17.8	17.6	17.6	.1	.1
Local government education	11.4	11.3	11.4	.1	.0
Local government, except education	6.4	6.4	6.2	.0	.2

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1986[b]	January 1986[c]	February 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]	Feb. 1986[b]	Jan. 1986[c]	Feb. 1985[c]
MANUFACTURING	$572.32	$574.01	$552.02	42.3	42.3	42.3	$13.53	$13.57	$13.05
Durable Goods[e]	590.75	593.42	569.99	42.5	42.6	42.6	13.90	13.93	13.38
Primary metal industries	564.01	576.72	586.64	40.2	40.7	41.4	14.03	14.17	14.17
Blast furnace and basic steel products	509.15	509.52	492.32	37.3	37.3	37.1	13.65	13.65	13.27
Fabricated metal products	557.59	562.66	584.44	40.7	41.1	43.1	13.70	13.69	13.56
Machinery, except electrical	470.60	472.93	487.72	41.1	40.7	42.3	11.45	11.62	11.53
Electric and electronic equipment	413.82	397.58	422.87	39.6	38.6	39.3	10.45	10.30	10.76
Transportation equipment	800.40	794.59	662.16	49.9	49.6	46.5	16.04	16.02	14.24
Nondurable Goods[f]	361.94	357.90	353.81	39.6	39.2	39.4	9.14	9.13	8.98
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	506.26	509.27	494.88	39.8	40.1	40.3	12.72	12.70	12.28
WHOLESALE TRADE	323.85	329.38	315.09	38.1	38.3	38.1	8.50	8.60	8.27
RETAIL TRADE[h]	162.72	160.46	159.61	28.8	28.5	28.1	5.65	5.63	5.68

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, instruments and related products, miscellaneous manufacturing. [f] Includes food and kindred products, tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and miscellaneous plastics products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	February 1986	January 1986	February 1985
Employment Service Program			
New Applicants	2,553	2,879	2,786
Active File of Job Seekers	34,375	33,072	45,842
Referrals to Jobs	882	1,087	2,054
Placements	256	254	590
Job Openings Received	378	415	849
Job Openings Unfilled	405	383	615
Unemployment Insurance Program			
Initial Claims	4,725	7,418	4,428
Continued Claims	33,623	41,618	35,479
First Payments	2,238	3,084	1,574
Last Payments	469	377	502
Weeks Compensated	30,727	32,848	30,041
Benefits Paid	$4,477,519	$4,754,608	$4,517,713
Average Weekly Payment	$146.94	$149.00	$154.27

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours—Represents hours worked or paid for, during pay periods which include 12th of month for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	February 1986	January 1986	February 1985
New Applicants	44,265	52,030	43,669
Active File of Job Seekers	451,433	437,897	572,818
Counseling Interviews	2,179	2,158	2,352
Tests Administered	2,745	2,067	2,091
General Aptitude Tests ..	532	352	298
Proficiency Tests	681	564	759
Specific Aptitude Tests .	1,168	798	818
Referrals to Jobs	20,342	21,256	18,469
Placements	4,503	5,186	4,323
Job Openings Received	9,277	9,136	8,631
Job Openings Unfilled	17,332	18,342	17,632

Selected Unemployment Insurance Activities

Activity	February 1986	January 1986	February 1985
Initial Claims	63,820	102,502	67,920
Continued Claims	630,635	749,257	670,828
First Payments	38,300	53,195	41,396
Last Payments	7,510	9,064	7,462
Average Weekly Claimants ..	157,245	160,900	164,652
Average Weekly Benefit Recipients	136,532	125,191	140,546
Weeks Compensated	551,958	608,403	570,105
Benefits Paid	$91,313,896	$88,273,404	$82,698,797
Average Weekly Payment	$150.26	$149,05	$147.94
Continued Claims for Survey Week	157,825	156,224	169,450
Insured Unemployment Rate .	3.8	3.9	4.2
Net Contributions	$63,238,322	$30,527,899	$71,225,475
Active Employer Accounts ..	190,708	190,965	191,674

Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

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Ohio
Labor
Market
Information

Labor Market Review

1985 Annual Summary

Summary. In 1985, Ohio's employment continued its post-recession expansion, although at a slower rate than the recovery from 1983 to 1984. By the end of the year, the State had not yet regained 1979 prerecession employment levels. Largest increases over the year, 1984 to 1985, occurred in services and retail trade, although important gains were also reported in transportation equipment manufacturing. The percentage of workers in manufacturing declined in 1985, reflecting a nationwide shift in employment from goods-producing to service-producing industries. (See table, below.)

PERCENT OF EMPLOYMENT IN NONAGRICULTURAL WAGE AND SALARY DIVISIONS OHIO AND U.S., 1979, 1983, AND 1985

INDUSTRY	OHIO			U.S.		
	1979	1983	1985	1979	1983	1985
TOTAL	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
GOODS PRODUCING	**35.6**	**29.9**	**29.7**	**29.5**	**25.9**	**25.7**
Mining	.7	.7	.6	1.1	1.1	1.0
Construction	4.1	3.2	3.5	5.0	4.4	4.8
Manufacturing	30.8	26.0	25.6	23.4	20.4	19.9
SERVICE PRODUCING	**64.4**	**70.1**	**70.2**	**70.6**	**74.1**	**74.3**
Transportation and Public Utilities	5.2	4.9	4.6	5.7	5.5	5.4
Wholesale Trade	5.2	5.4	5.6	5.8	5.8	5.9
Retail Trade	16.5	17.4	18.0	16.7	17.3	17.8
Finance, Insurance, and Real Estate	4.5	5.1	5.0	5.5	6.1	6.1
Services	18.0	21.3	21.8	19.1	21.8	22.4
Government	15.0	16.0	15.2	17.8	17.6	16.7

Labor Force. After successive declines in 1983 and 1984, Ohio's civilian labor force increased .8 percent in 1985 to reach an all-time high of 5,130,000. The U.S. civilian labor force grew 1.7 percent from 1984 to 1985. (See table, page 2.)

Total Employment. There were 66,000 more people employed in Ohio in 1985 than in 1984, a gain of 1.4 percent. The total employment figure of 4,675,000 was the highest since 1979, although this year's level was still 1.8 percent below the 1979 level.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

CIVILIAN LABOR FORCE ESTIMATES FOR OHIO AND THE U.S.

(Employed and Unemployed In Thousands)

OHIO				YEAR	UNITED STATES			
CIVILIAN LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT TOTAL	UNEMPLOYMENT RATE		CIVILIAN LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT TOTAL	UNEMPLOYMENT RATE
4416	4130	286	6.5	**1971**	84382	79367	5016	5.9
4510	4261	249	5.5	**1972**	87034	82153	4882	5.6
4621	4423	198	4.3	**1973**	89429	85064	4365	4.9
4708	4483	225	4.8	**1974**	91949	86794	5156	5.6
4723	4294	429	9.1	**1975**	93775	85846	7929	8.5
4751	4380	370	7.8	**1976**	96168	88752	7406	7.7
4833	4520	312	6.5	**1977**	99009	92017	6991	7.1
4959	4690	268	5.4	**1978**	102251	96048	6202	6.1
5059	4760	299	5.9	**1979**	104962	98824	6137	5.8
5089	4663	426	8.4	**1980**	106940	99303	7637	7.1
5100	4608	492	9.6	**1981**	108670	100397	8273	7.6
5114	4474	640	12.5	**1982**	110204	99526	10678	9.7
5099	4478	621	12.2	**1983**	111550	100834	10717	9.6
5089	4609	480	9.4	**1984**	113544	105005	8539	7.5
5130	4675	455	8.9	**1985**	115461	107150	8312	7.2

Unemployment. The annual average unemployment rate in Ohio fell from 9.4 percent in 1984 to 8.9 percent in 1985, its lowest point since 1980. The national unemployment rate was also down, from 1984's 7.5 percent to 7.2 percent in 1985. Among all states, Ohio tied with Alabama with the eighth highest unemployment rate in 1985. There were 455,000 unemployed workers in Ohio in 1985, 25,000 fewer than in 1984. Ohio's unemployment rate in 1982, at 12.5 percent, was 2.8 percentage points above the national rate. In 1985, the difference dropped to 1.7 percentage points, indicating that Ohio is slowly but steadily recovering from the 1982 recession.

Nonagricultural Wage and Salary Employment. Nonfarm employment in Ohio rose 2.8 percent from 1984 to 1985. Actual employment, at 4,379,000 in 1985, was 119,000 above the 1984 level of 4,260,000, but 106,000 below 1979's peak. Except for small decreases in mining and in transportation and public utilities, employment in all nonmanufacturing industries increased in 1985. Losses in durable-goods industries, however, lowered manufacturing employment by nearly 4,000.

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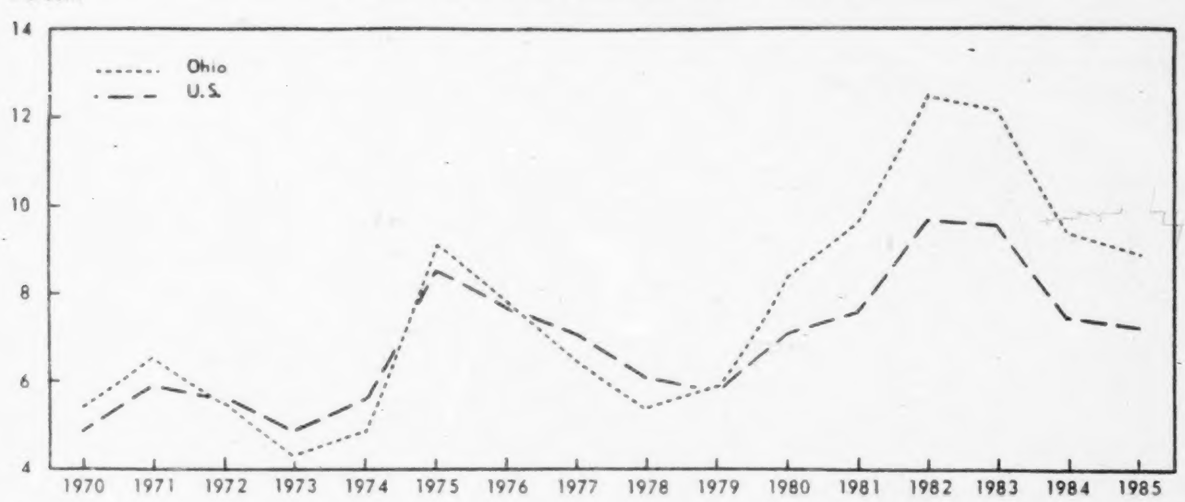
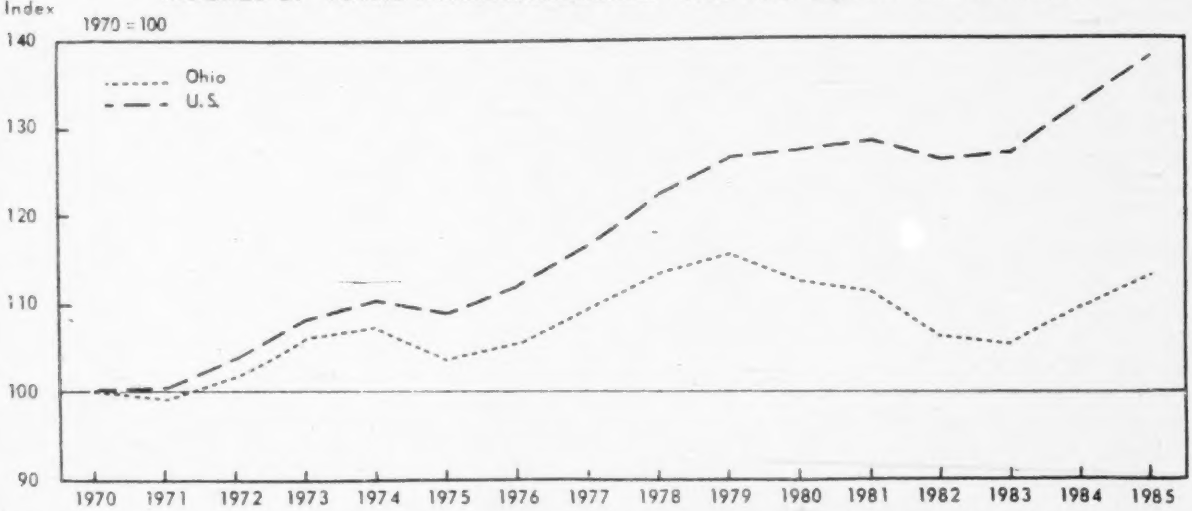


OHIO AND U.S. UNEMPLOYMENT RATES



INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

OHIO EMPLOYMENT CHANGES, 1984-1985

INDUSTRY	1985 Employment (in thousands)	Employment Change From 1984 (in thousands)	Percent Change From 1984
TOTAL	4378.6	118.4	2.8
Manufacturing	1123.1	- 3.9	- .3
Durable Goods	769.1	- 4.3	- .6
Nondurable Goods	354.0	.4	.1
Nonmanufacturing	3255.5	122.3	3.9
Mining	26.4	- 1.4	-5.2
Construction	154.1	9.3	6.4
Transportation and Public Utilities	202.5	- 1.4	- .7
Wholesale Trade	246.5	9.8	4.1
Retail Trade	789.8	41.8	5.6
Finance, Insurance, and Real Estate	218.3	6.7	3.2
Services	953.3	48.1	5.3
Government	664.7	9.7	1.5

Growth Industries. The most rapidly growing industry in Ohio and the U.S. from 1984 to 1985 was business services (see table, below). Noteworthy expansion also was reported in eating and drinking places, special trade contracting, and auto dealerships and service stations. Only one of the nine most rapidly growing industries in Ohio was in manufacturing: transportation equipment. Wholesale trade-durable goods also had a greatly expanded workforce. New to the growth sector in 1985 were food stores, health services (with growth in inpatient nursing care facilities and doctors' and dentists' offices rather than in hospitals), and local government which had employment losses in 1984.

EMPLOYMENT GAINS AND LOSSES
Ohio and U.S., 1984-1985

	1985 Ohio Employment (in thousands)	1984-1985 Percent Change Ohio	U.S.
Most Rapidly Growing Industries**			
Business Services	173.8	14.0	9.3
Eating and Drinking Places	276.6	7.3	5.3
Special Trade Contractors	95.1*	7.2	8.9
Auto Dealers and Service Stations	87.1*	6.3	5.0
Transportation Equipment	151.7*	4.7	4.4
Wholesale Trade-Durable Goods	156.8	4.5	4.4
Food Stores	125.6	4.3	6.5
Health Services, Except Hospitals	329.0	2.1	2.7
Local Government	430.2*	1.2	1.8
Declining Industries			
Railroads	17.0*	-8.6	-6.2
Bituminous Coal and Lignite Mining	10.9*	-6.8	-2.1
Oil and Gas Extraction	11.0	-6.0	.5
Primary Metal Industries	102.7*	-5.7	-5.0
Communication	49.5*	-5.0	-1.2
Stone, Clay, and Glass Products	50.4*	-4.0	.8
Furniture and Fixtures	14.6*	-3.9	1.9
Electric and Electronic Equipment	90.5*	-2.8	.0
Apparel and Other Textile Products	16.9*	-1.7	-2.9
Hospitals	166.2	-1.2	-1.0
Total, All Industries			
Manufacturing	1123.1*	- .3	.1
Nonmanufacturing	3255.5	3.9	4.3

*1985 employment is below 1979 level.

**Includes only employment sectors with changes exceeding 5,000 employees in Ohio.

Declining Industries. Between 1984 and 1985, the sector suffering the greatest employment declines in Ohio was transportation and public utilities. Railroads had an 8.6 percent loss; communications, a drop of 5.0 percent. Noteworthy losses were also recorded in bituminous coal and lignite mining and oil and gas extraction. Five manufacturing industries had significant declines over the period: primary metals; stone, clay, and glass products; furniture and fixtures; electric and electronic equipment; and apparel and other textile products. Employment in Ohio hospitals slipped down 1.2 percent during the year.

Losses and Recovery. Employment losses and gains for Ohio and U.S. industries during the 1979-1985 recession-recovery period are shown in the table, below. With the exceptions of services and finance, insurance, and real estate, all division-level sectors in the Ohio economy had employment losses during the 1979-1983 recessionary period. Most severe downturns occurred in durable-goods manufacturing—a total of 257,000 jobs were lost. Durable goods was also hardest hit nationwide. During the recovery period, 1983 to 1985, the State regained 73.0 percent of all nonagricultural wage and salary jobs, but only 18.0 percent of manufacturing employment. Due to the fact that Ohio employment is much more heavily concentrated in manufacturing than the nation as a whole, the recovery rate in Ohio manufacturing was much lower than the 38.1 percent U.S. manufacturing recovery rate.

OHIO EMPLOYMENT CHANGES AND RECOVERY RATES
BY SELECTED INDUSTRY
ANNUAL AVERAGES FOR 1979, 1983, AND 1985

Industry	Peak 1979	Trough 1983	Current 1985	Changes 1979-1983	Changes 1983-1985	Percent Recovery Ohio	Percent Recovery U.S.
TOTAL	**4485**	**4093**	**4379**	**-392**	**286**	**73.0**	**+**
Manufacturing	**1383**	**1066**	**1123**	**-317**	**57**	**18.0**	**38.1**
Durable Goods	981	724	769	-257	45	17.5	41.1
Nondurable Goods	402	342	354	- 60	12	20.0	27.3
Nonmanufacturing	**3103**	**3027**	**3256**	**- 76**	**229**	**301.3**	**+**
Mining	32	27	26	- 5	- 1	-	283.3
Construction	183	131	154	- 52	23	44.2	138.6
Transportation and Public Utilities	232	199	203	- 33	4	12.1	190.1
Wholesale Trade	233	223	247	- 10	24	240.0	+
Retail Trade	742	711	790	- 31	79	254.8	+
Finance, Insurance, and Real Estate	201	208	218	7	10	+	+
Services	806	873	953	67	80	+	+
Government	674	656	665	- 18	9	50.0	546.2

+ No downturn, 1979-1983.
- No upturn, 1983- 1985.

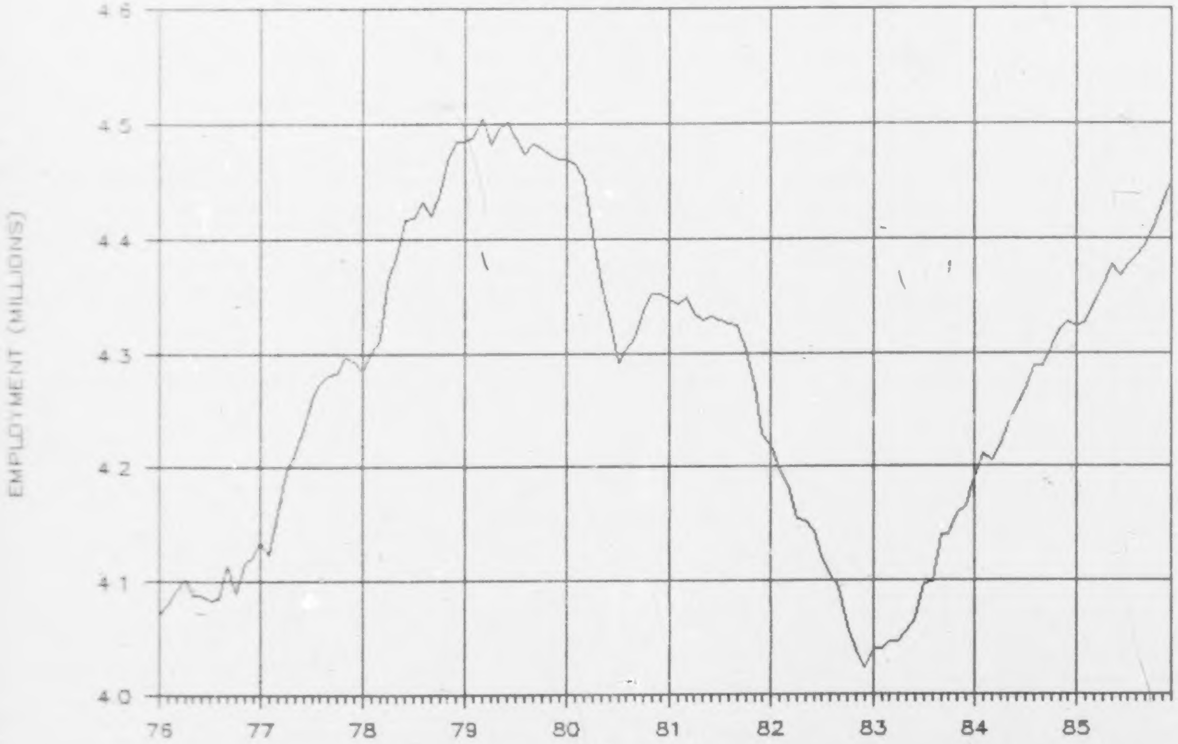
Conclusion. The state of Ohio has regained 73.0 percent, or 286,000, of the nearly 400,000 nonfarm wage and salary jobs lost between 1979 and 1983. Transportation equipment, one of the manufacturing industries hardest hit by the last recession, dropping from 165,800 employees in 1979 to 121,700 in 1982, has now recovered 30,000 of 44,000 lost jobs. Other manufacturing industries, recording losses from 1979 through 1984, continued to decline in 1985, especially primary metals, electric and electronic equipment, and stone, clay, and glass products. Following a pattern of overall improvement since 1982, employment in nonmanufacturing increased by 122,400 in 1985. New jobs in retail trade and services accounted for 73.4 percent of the improvement. Eating and drinking places and temporary help agencies expanded most.

OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL NONAGRICULTURAL

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	4,071	4,080	4,093	4,102	4,089	4,089	4,083	4,085	4,114	4,090	4,116	4,123
1977	4,135	4,124	4,161	4,196	4,214	4,235	4,261	4,274	4,281	4,282	4,296	4,294
*1978	4,285	4,302	4,312	4,363	4,384	4,417	4,418	4,432	4,420	4,441	4,468	4,485
1979	4,484	4,490	4,504	4,481	4,495	4,501	4,487	4,473	4,483	4,478	4,472	4,469
1980	4,469	4,464	4,452	4,404	4,362	4,327	4,292	4,303	4,314	4,336	4,351	4,352
1981	4,348	4,342	4,349	4,335	4,329	4,332	4,329	4,325	4,324	4,302	4,272	4,229
1982	4,219	4,200	4,183	4,154	4,153	4,144	4,123	4,105	4,094	4,061	4,039	4,023
1983	4,041	4,041	4,047	4,047	4,057	4,066	4,098	4,099	4,141	4,141	4,159	4,166
1984	4,189	4,212	4,206	4,219	4,236	4,253	4,267	4,288	4,289	4,306	4,321	4,327
1985	4,323	4,328	4,343	4,358	4,376	4,367	4,376	4,384	4,394	4,410	4,430	4,449

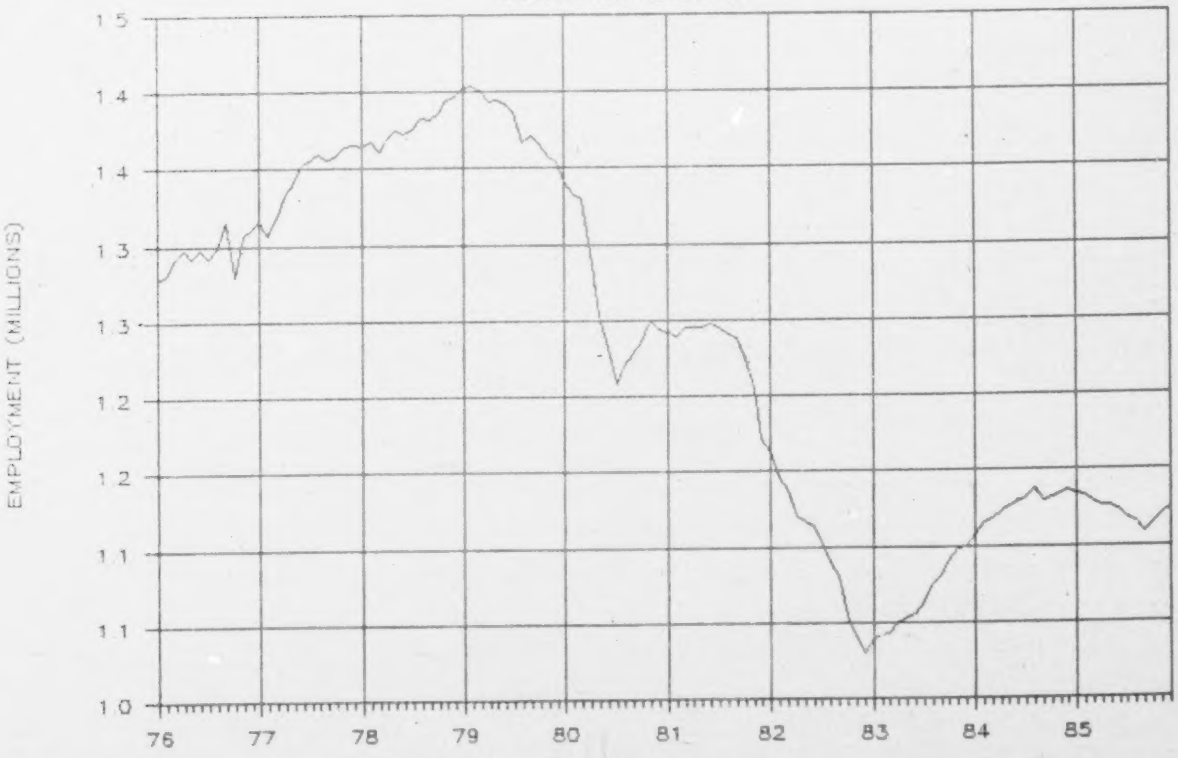
TOTAL NONAGRICULTURAL
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL MANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	1,278	1,282	1,292	1,298	1,292	1,297	1,291	1,298	1,316	1,281	1,306	1,311
1977	1,316	1,306	1,318	1,334	1,341	1,353	1,357	1,360	1,356	1,358	1,364	1,365
1978	1,364	1,368	1,361	1,369	1,374	1,373	1,376	1,383	1,381	1,387	1,394	1,397
1979	1,402	1,404	1,401	1,394	1,394	1,392	1,386	1,367	1,371	1,366	1,358	1,354
1980	1,342	1,334	1,329	1,295	1,253	1,233	1,209	1,220	1,228	1,237	1,250	1,245
1981	1,242	1,239	1,246	1,245	1,246	1,247	1,245	1,241	1,238	1,225	1,205	1,171
1982	1,163	1,146	1,138	1,121	1,117	1,114	1,104	1,090	1,081	1,055	1,041	1,030
1983	1,039	1,042	1,044	1,050	1,053	1,056	1,063	1,075	1,081	1,091	1,098	1,100
1984	1,108	1,116	1,118	1,123	1,126	1,129	1,133	1,138	1,130	1,132	1,135	1,137
1985	1,134	1,133	1,129	1,127	1,127	1,123	1,118	1,116	1,110	1,115	1,121	1,126



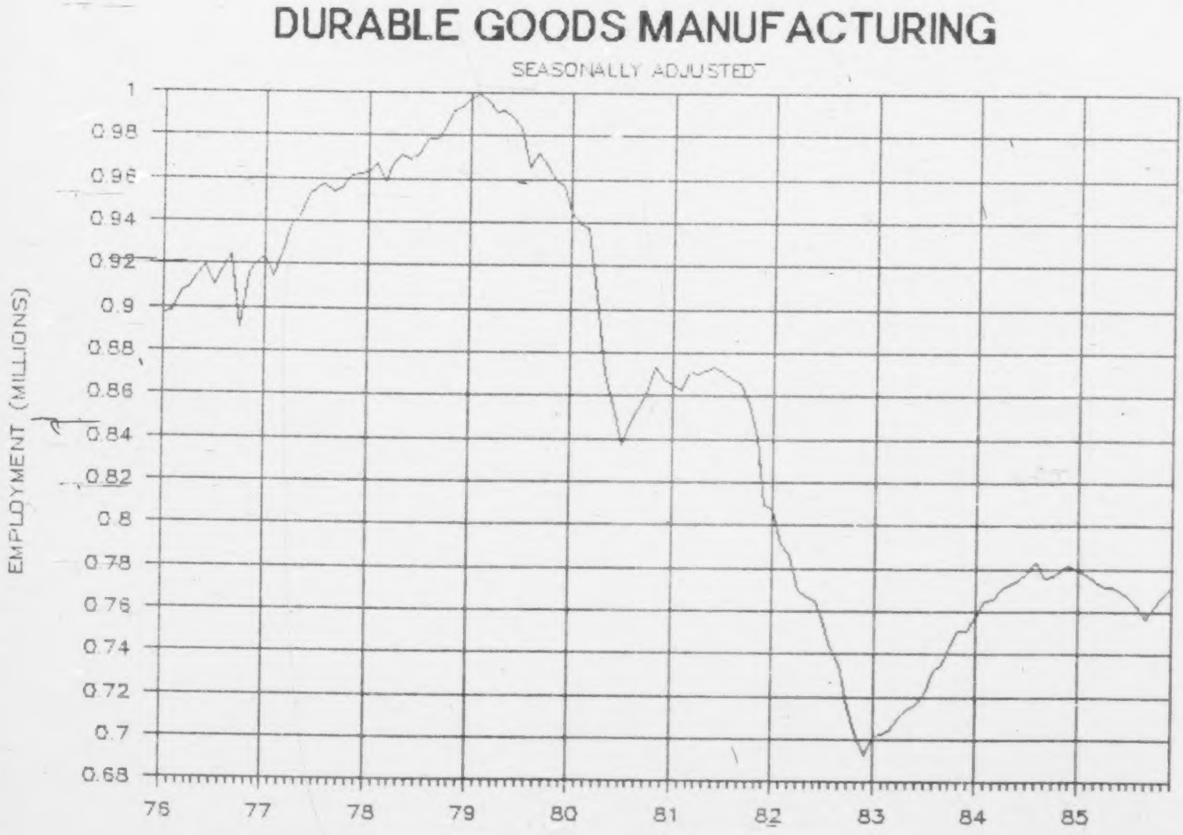
TOTAL MANUFACTURING

SEASONALLY ADJUSTED

OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

DURABLE GOODS MANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	897	898	908	910	915	919	911	918	924	891	916	921
1977	924	914	925	938	942	953	955	957	954	956	962	962
1978	963	967	959	967	971	968	972	979	979	985	991	994
1979	998	999	996	991	991	989	983	966	972	967	959	956
1980	945	939	938	907	870	856	837	847	853	861	873	868
1981	865	863	871	870	872	874	871	868	866	856	840	809
1982	807	791	786	770	767	765	756	743	736	715	702	692
1983	702	702	704	710	714	716	721	732	735	744	751	751
1984	758	765	766	771	773	775	778	783	775	777	780	781
1985	779	778	774	772	772	769	767	763	757	763	767	772



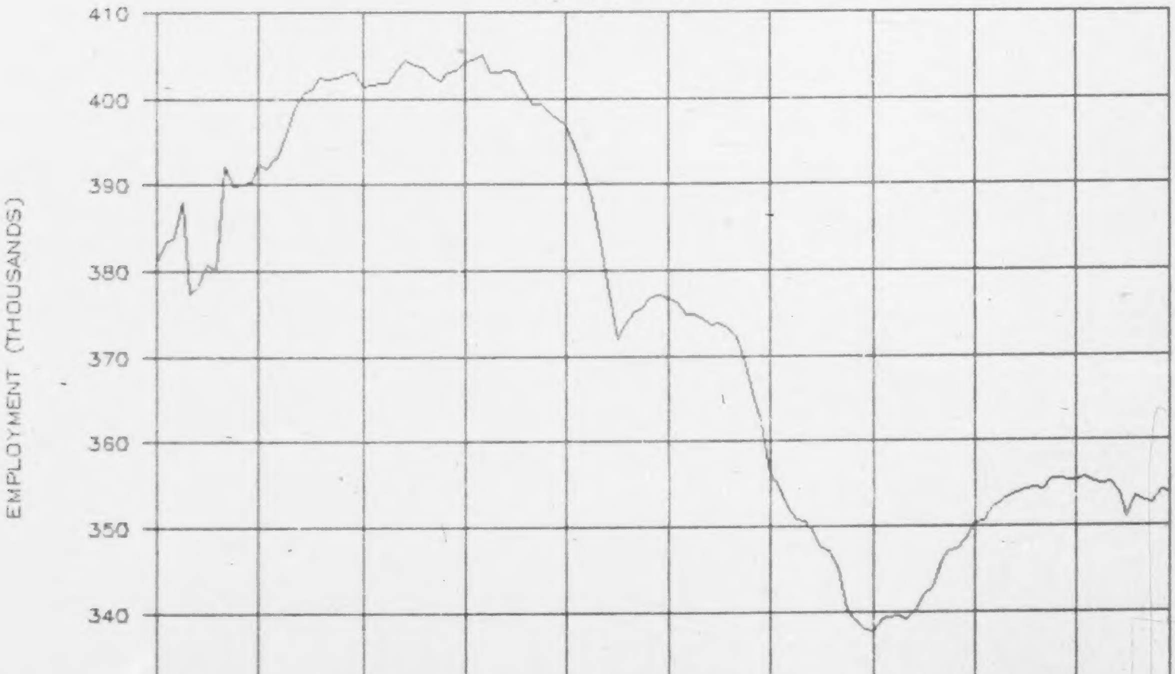
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

NONDURABLE GOODS MANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	381	383	384	388	377	378	381	380	392	390	390	390
1977	392	392	393	396	399	401	401	402	402	402	403	403
1978	401	402	402	402	403	404	404	404	403	402	403	403
1979	404	404	405	403	403	403	403	401	399	399	398	398
1980	397	394	392	389	383	377	372	374	375	376	377	377
1981	377	376	375	375	374	374	374	373	372	369	365	362
1982	356	355	352	351	351	349	348	347	345	340	339	338
1983	338	339	339	340	339	340	342	343	346	347	347	349
1984	350	351	352	353	354	354	354	355	354	356	356	355
1985	355	356	355	355	355	354	351	353	353	353	354	354

NONDURABLE GOODS MANUFACTURING

SEASONALLY ADJUSTED



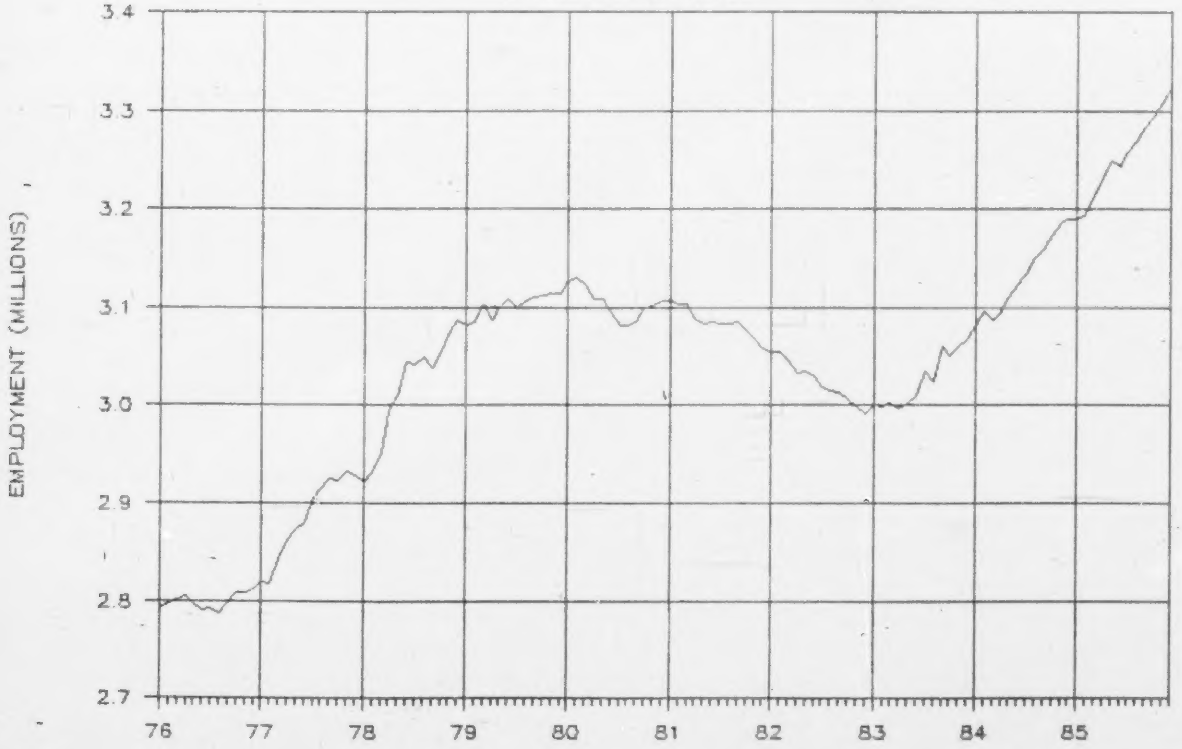
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TOTAL NONMANUFACTURING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	2,793	2,798	2,802	2,804	2,797	2,791	2,792	2,787	2,798	2,809	2,809	2,812
1977	2,819	2,818	2,842	2,862	2,873	2,881	2,905	2,914	2,925	2,924	2,932	2,929
1978	2,921	2,933	2,951	2,995	3,010	3,045	3,042	3,050	3,039	3,054	3,074	3,088
1979	3,082	3,086	3,103	3,087	3,100	3,109	3,100	3,107	3,111	3,113	3,115	3,115
1980	3,127	3,130	3,122	3,109	3,108	3,094	3,083	3,082	3,086	3,099	3,101	3,107
1981	3,106	3,103	3,103	3,090	3,083	3,085	3,084	3,084	3,086	3,077	3,067	3,058
1982	3,055	3,054	3,045	3,033	3,036	3,030	3,019	3,015	3,014	3,005	2,998	2,993
1983	3,001	2,999	3,003	2,997	3,003	3,010	3,035	3,024	3,060	3,051	3,061	3,066
1984	3,081	3,096	3,088	3,096	3,110	3,124	3,134	3,151	3,160	3,174	3,186	3,190
1985	3,189	3,195	3,213	3,231	3,249	3,244	3,259	3,268	3,284	3,294	3,309	3,323

TOTAL NONMANUFACTURING

SEASONALLY ADJUSTED

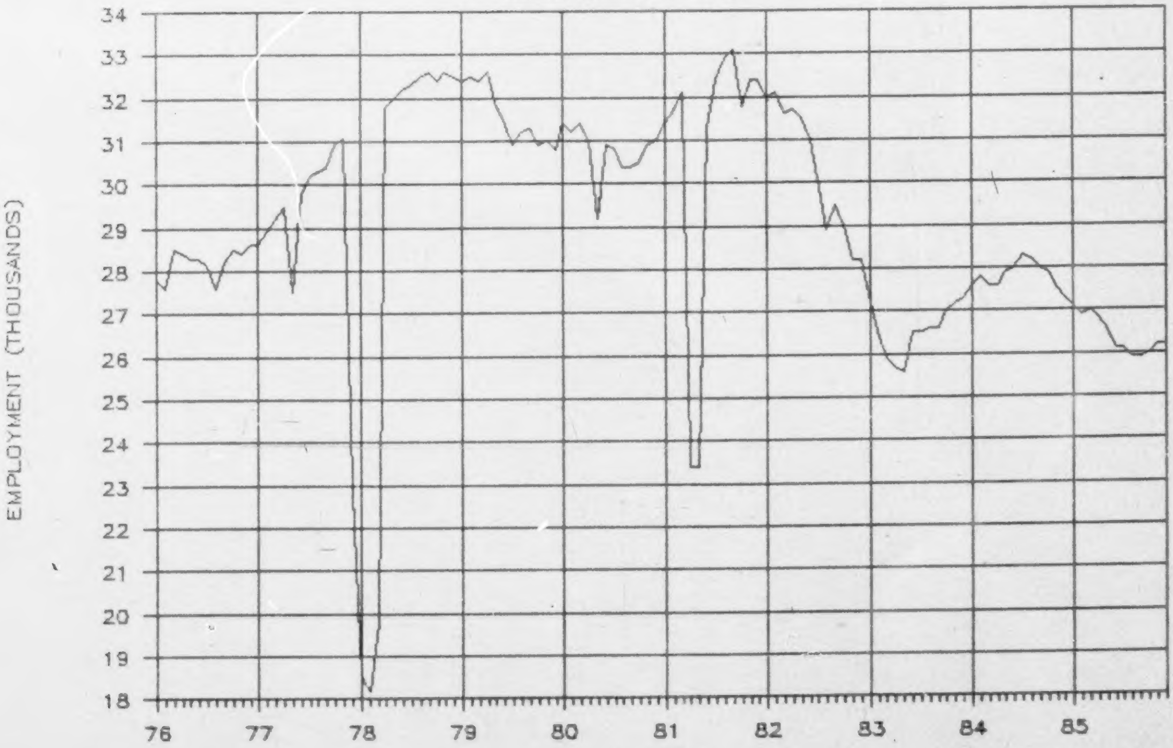


OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

MINING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	28	28	29	28	28	28	28	28	28	29	28	29
1977	29	29	29	30	28	30	30	30	30	31	31	23
1978	19	18	20	32	32	32	32	33	33	32	33	33
1979	32	33	32	33	32	32	31	31	31	31	31	31
1980	31	31	31	31	29	31	31	30	30	31	31	31
1981	31	32	32	23	23	31	32	33	33	32	32	32
1982	32	32	32	32	32	31	30	29	30	29	28	28
1983	27	26	26	26	26	27	27	27	27	27	27	27
1984	28	28	28	28	28	28	28	28	28	28	28	27
1985	27	27	27	27	27	26	26	26	26	26	26	26

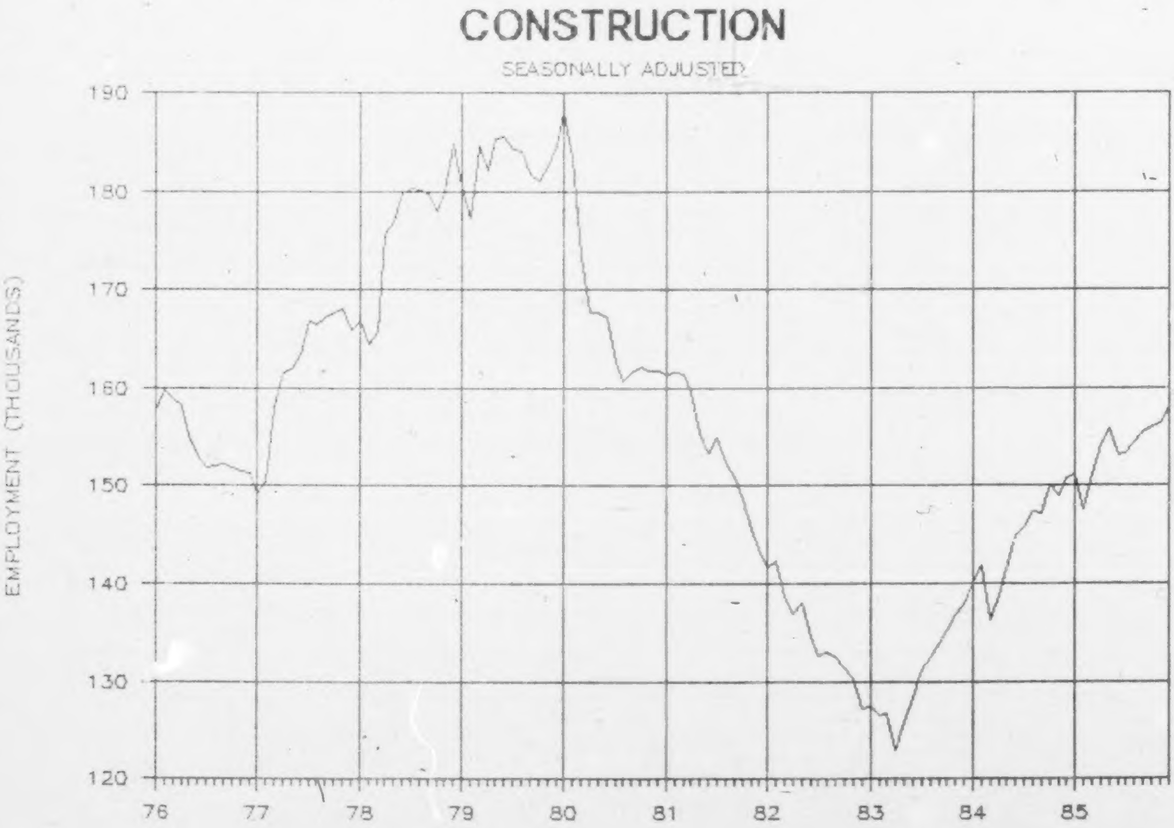
MINING
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

CONSTRUCTION

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	158	160	159	158	155	153	152	152	152	152	152	151
1977	149	151	158	162	162	163	167	167	167	168	168	166
1978	167	165	166	176	177	180	180	180	180	178	180	185
1979	181	177	185	182	185	186	184	184	182	181	183	185
1980	188	183	173	168	168	167	163	161	162	162	162	162
1981	162	162	162	160	155	153	155	153	151	149	146	144
1982	142	142	139	137	138	135	133	133	132	131	130	127
1983	128	127	127	123	126	128	131	133	134	135	137	138
1984	140	142	136	139	141	145	146	147	147	150	149	151
1985	151	148	151	154	156	153	153	155	155	156	156	158

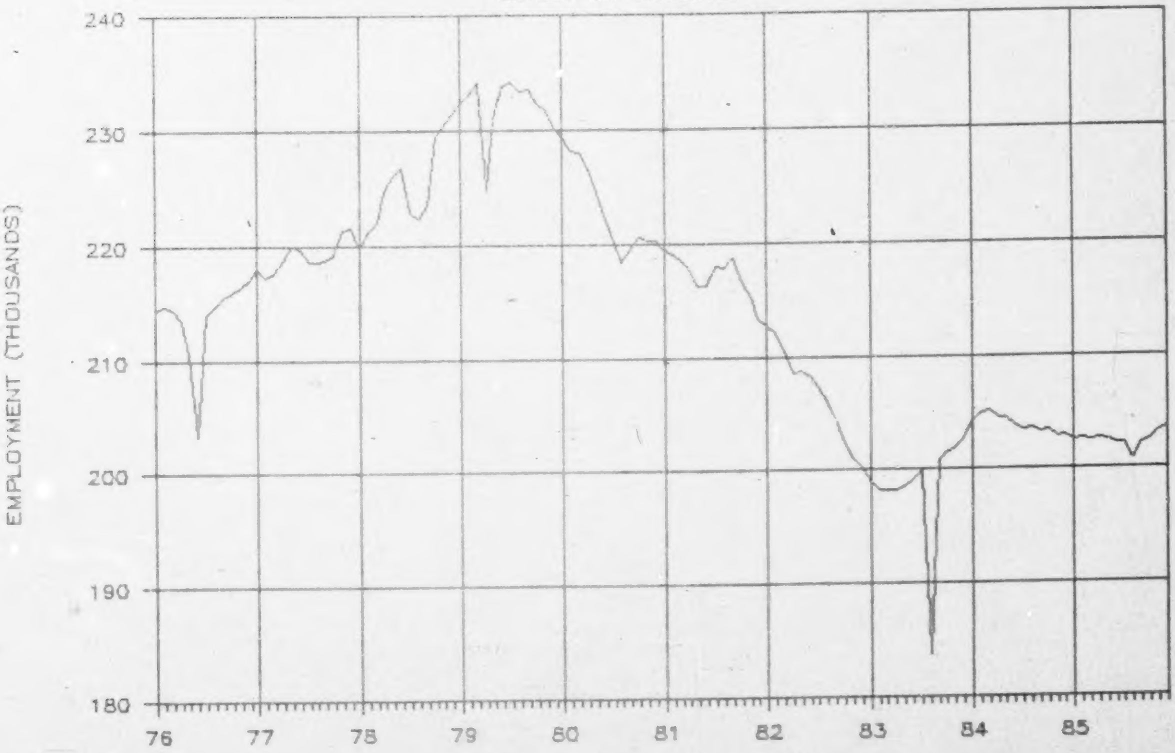


OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

TRANSPORTATION & PUBLIC UTILITIES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	214	215	214	214	211	203	214	215	216	216	216	217
1977	218	217	218	219	220	220	219	219	219	219	221	222
1978	220	221	222	225	226	227	223	222	224	230	230	231
1979	232	233	234	225	231	234	234	233	234	232	232	230
1980	229	228	228	227	225	222	220	219	220	221	220	220
1981	219	219	218	218	216	216	218	218	219	217	215	213
1982	213	212	211	209	209	208	207	206	205	202	201	200
1983	199	198	198	198	199	199	200	184	201	202	202	203
1984	204	205	205	205	205	204	204	204	203	204	203	203
1985	203	203	203	203	203	202	202	201	202	203	203	204

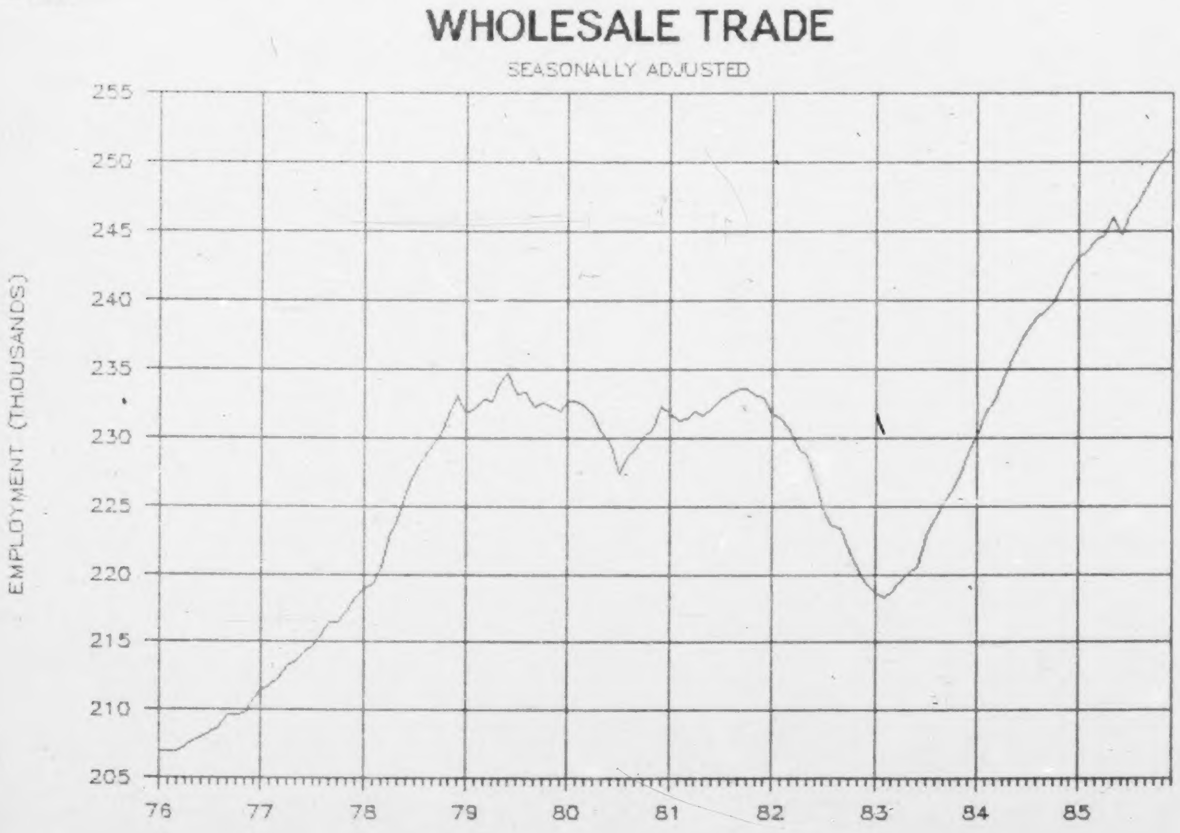
TRANSPORTATION & PUBLIC UTILITIES
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

WHOLESALE TRADE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	207	207	207	207	208	208	208	209	210	210	210	211
1977	212	212	212	213	214	214	215	216	217	217	217	218
1978	219	219	220	223	224	226	228	229	230	230	232	233
1979	232	232	233	233	234	235	233	233	232	233	232	232
1980	233	233	232	232	230	229	227	229	229	230	231	232
1981	232	231	231	232	232	232	233	233	234	234	233	233
1982	232	231	231	229	229	227	225	224	223	222	220	219
1983	219	218	219	219	220	221	223	224	225	226	227	229
1984	230	232	233	234	235	237	238	239	239	240	241	242
1985	243	244	244	245	246	245	246	247	248	249	250	251



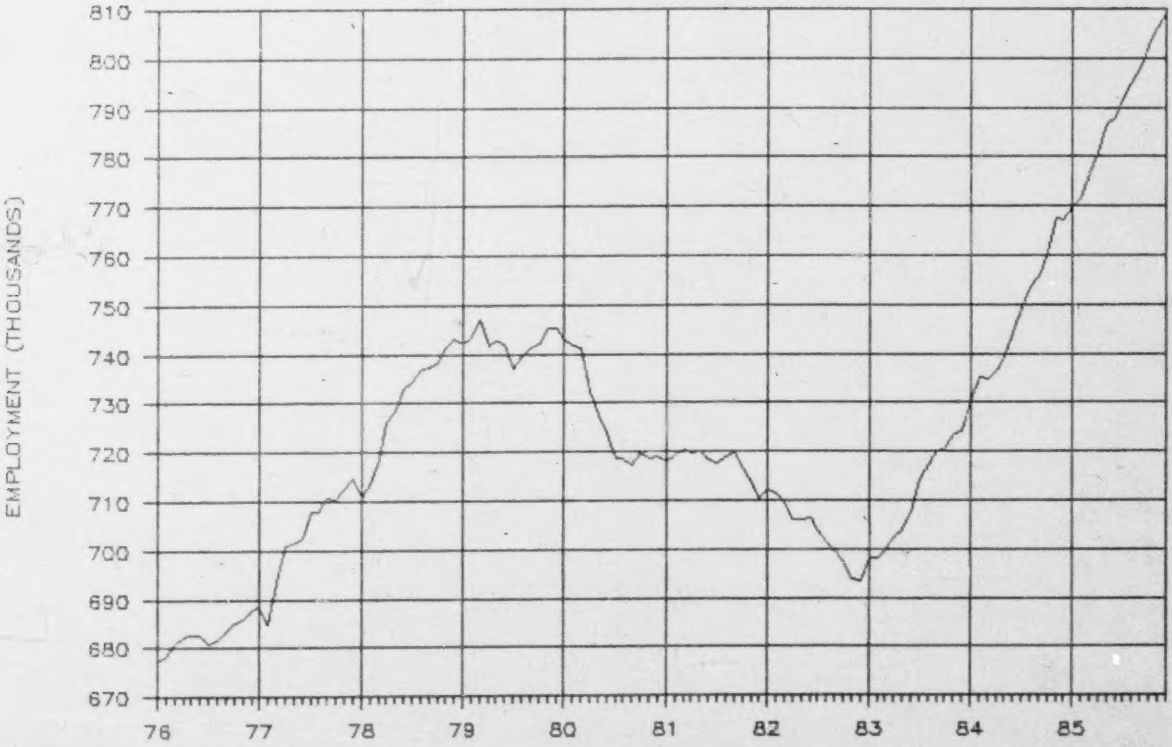
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

RETAIL TRADE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	677	679	681	682	683	683	681	682	683	685	686	688
1977	688	685	694	701	701	702	708	708	711	710	713	715
1978	711	714	719	726	728	733	735	737	737	738	741	743
1979	742	743	747	742	743	742	737	740	741	742	745	745
1980	743	742	741	732	728	724	719	719	717	720	719	719
1981	718	719	720	720	720	718	718	719	720	717	714	710
1982	712	712	710	706	706	707	704	701	700	697	694	693
1983	698	698	700	702	704	707	714	717	720	721	723	725
1984	730	735	735	737	739	744	749	754	756	760	768	767
1985	770	771	777	781	787	788	792	795	798	803	806	809

RETAIL TRADE

SEASONALLY ADJUSTED



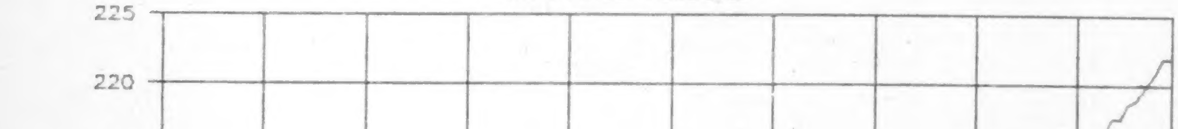
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

FINANCE, INSURANCE, & REAL ESTATE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	175	175	176	177	176	177	177	177	178	178	179	179
1977	180	180	181	182	183	184	184	185	185	186	186	186
1978	187	187	188	189	190	191	192	193	193	194	195	195
1979	196	197	198	198	199	201	202	202	202	204	204	204
1980	205	205	205	203	203	203	203	203	203	205	204	205
1981	205	206	206	206	206	205	206	206	206	206	206	206
1982	206	206	206	206	206	206	206	206	207	207	207	207
1983	207	208	208	208	208	208	208	208	208	208	208	208
1984	209	210	210	210	211	211	212	212	212	213	214	214
1985	215	215	216	216	218	218	219	219	220	221	222	222

FINANCE, INSURANCE, & REAL ESTATE

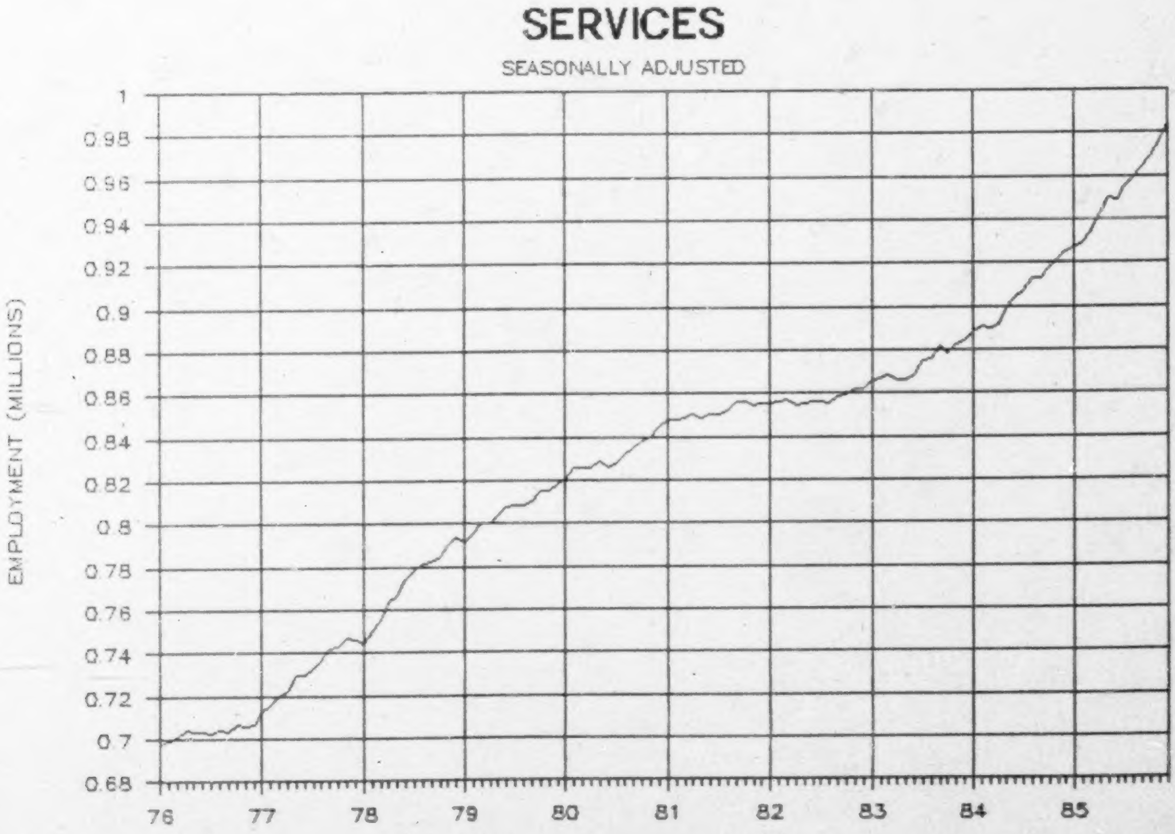
SEASONALLY ADJUSTED



OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

SERVICES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	697	700	701	704	704	703	703	704	704	707	706	707
1977	713	716	719	722	730	730	733	737	742	742	747	746
1978	744	750	755	764	766	774	778	782	782	784	790	794
1979	791	795	800	801	803	808	808	809	810	815	815	818
1980	820	826	826	826	829	826	828	832	835	838	840	845
1981	848	848	849	850	849	850	850	852	857	856	855	855
1982	855	856	857	855	856	857	856	855	858	860	862	862
1983	866	867	869	866	867	869	875	876	881	878	883	884
1984	888	891	890	891	899	904	907	913	913	918	922	925
1985	927	929	934	943	950	949	955	959	964	968	975	984

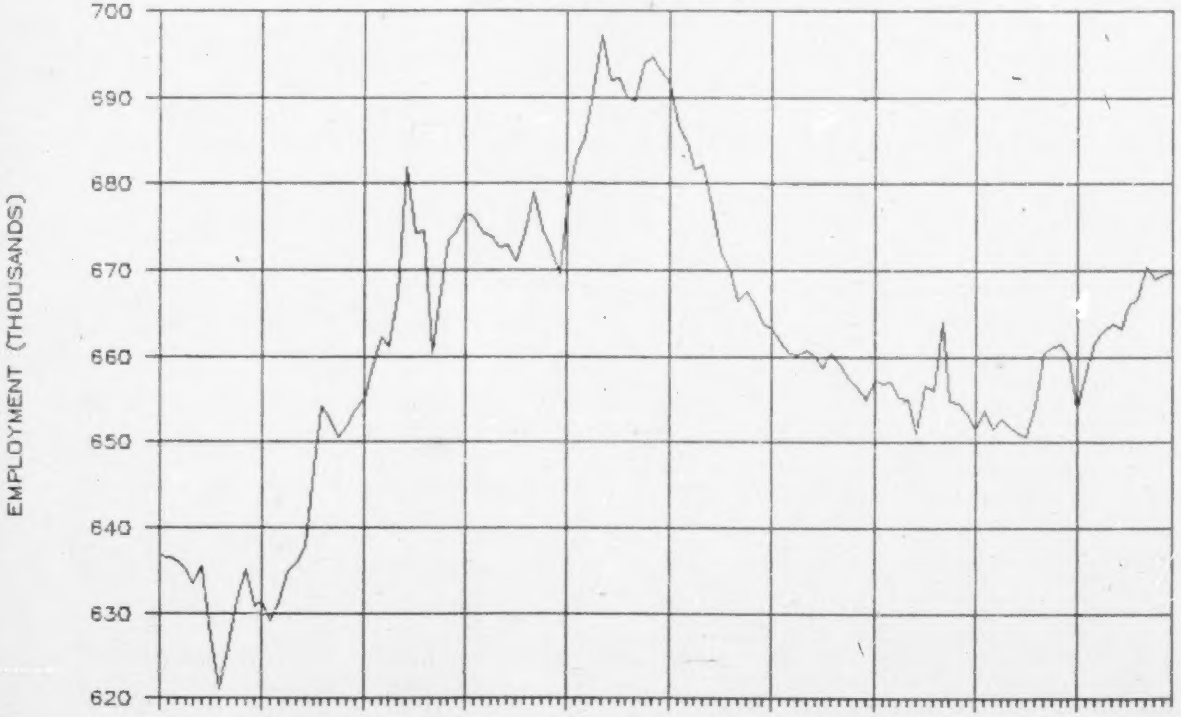


OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

GOVERNMENT

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	637	637	636	635	633	636	627	621	626	632	635	631
1977	631	629	631	635	636	638	647	654	653	650	652	654
1978	655	659	662	661	667	682	674	675	660	668	674	675
1979	677	676	674	674	673	673	671	674	679	675	673	670
1980	677	683	685	691	697	692	692	690	690	694	695	693
1981	692	687	685	682	682	677	672	670	667	668	666	664
1982	663	662	660	660	661	660	659	660	659	657	656	655
1983	657	657	657	655	655	651	657	656	664	655	655	653
1984	652	654	652	653	652	651	651	654	660	661	661	660
1985	654	658	662	663	664	663	666	667	670	669	670	670

GOVERNMENT
SEASONALLY ADJUSTED



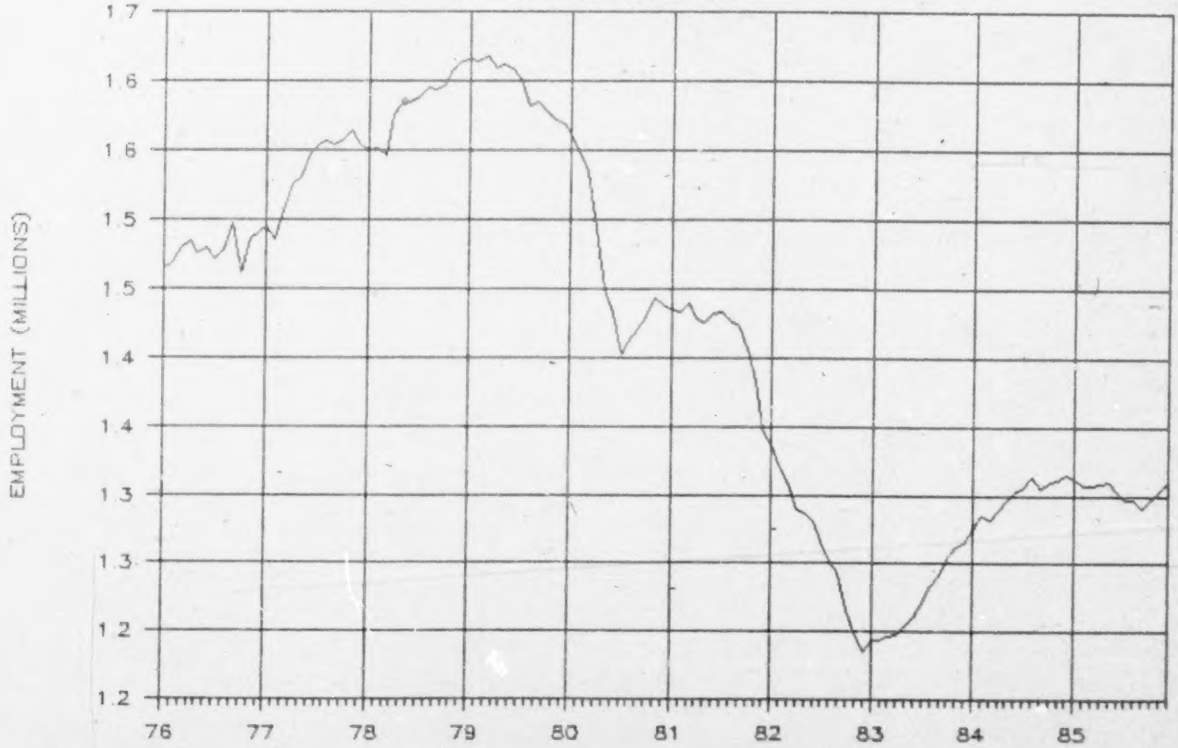
OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

GOODS PRODUCING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	1,464	1,469	1,479	1,484	1,475	1,479	1,471	1,478	1,497	1,461	1,486	1,491
1977	1,494	1,486	1,506	1,525	1,531	1,547	1,554	1,557	1,553	1,557	1,564	1,554
1978	1,549	1,551	1,546	1,576	1,583	1,585	1,589	1,595	1,594	1,597	1,607	1,614
1979	1,615	1,614	1,618	1,609	1,612	1,609	1,602	1,582	1,585	1,578	1,571	1,569
1980	1,561	1,548	1,534	1,494	1,450	1,431	1,402	1,412	1,420	1,429	1,443	1,438
1981	1,435	1,433	1,439	1,428	1,425	1,432	1,433	1,427	1,422	1,406	1,383	1,347
1982	1,337	1,321	1,308	1,289	1,287	1,280	1,267	1,252	1,243	1,216	1,199	1,186
1983	1,194	1,195	1,197	1,199	1,205	1,211	1,221	1,234	1,241	1,253	1,262	1,265
1984	1,276	1,286	1,282	1,290	1,295	1,302	1,307	1,314	1,305	1,310	1,312	1,315
1985	1,312	1,308	1,308	1,308	1,309	1,302	1,297	1,297	1,291	1,297	1,304	1,310

GOODS PRODUCING INDUSTRIES

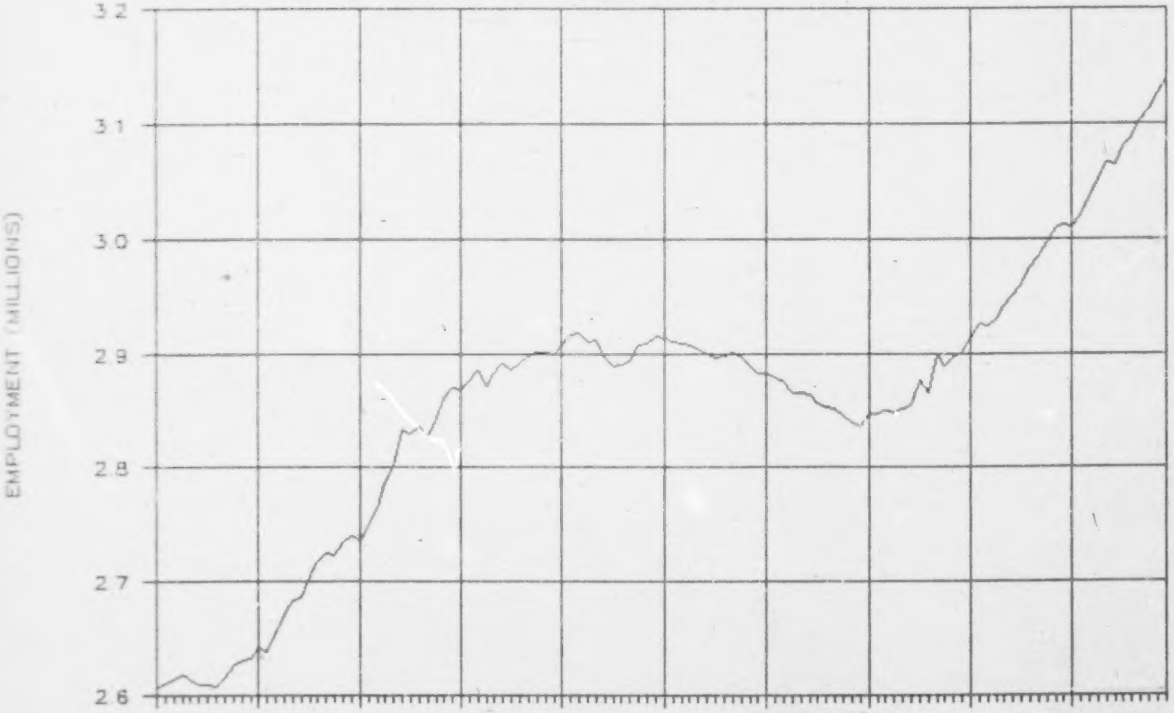
SEASONALLY ADJUSTED

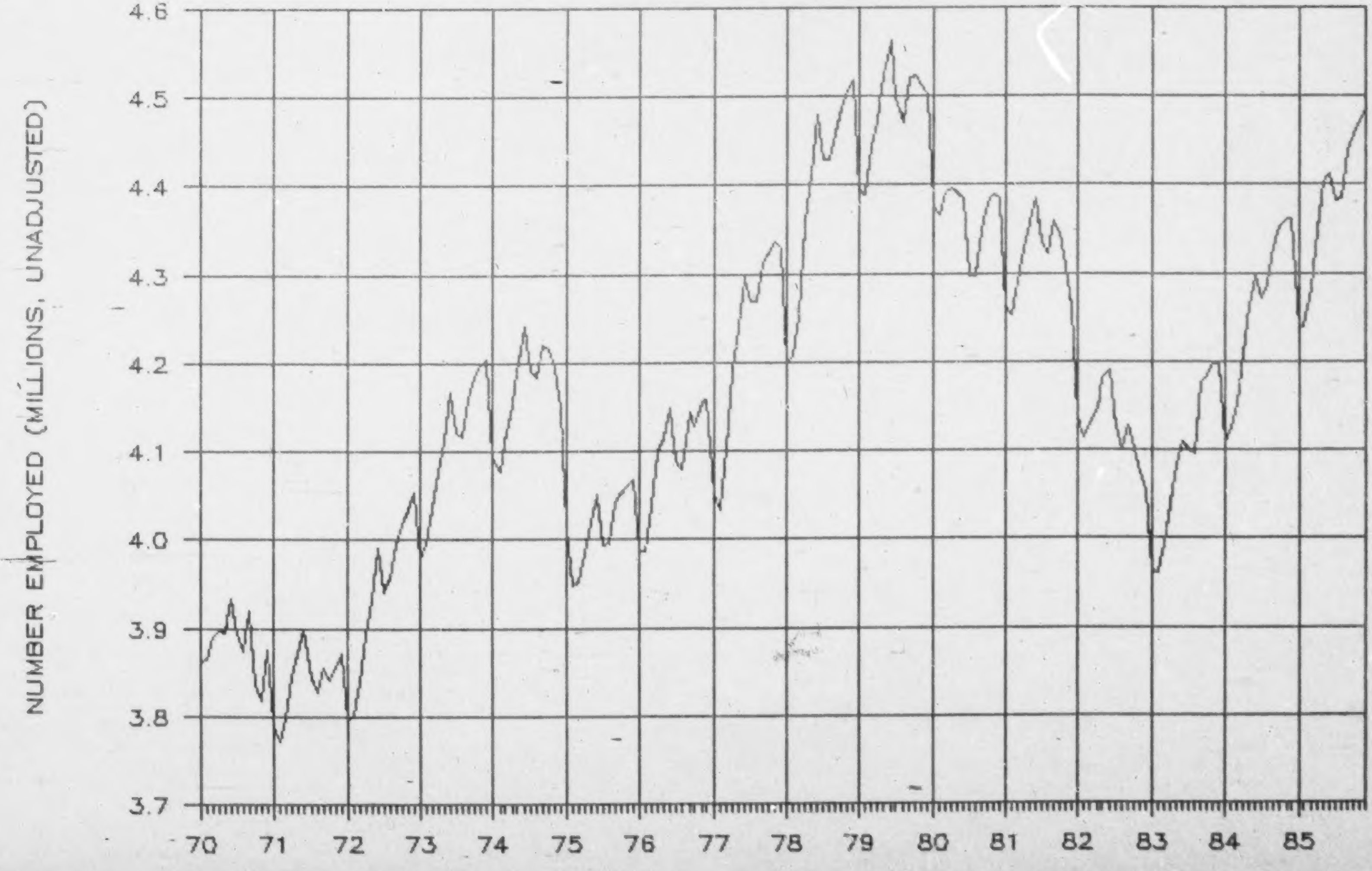


OHIO NONAGRICULTURAL WAGE & SALARY EMPLOYMENT: 1976-1985
(in thousands)
SEASONALLY ADJUSTED

SERVICE PRODUCING

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1976	2,608	2,612	2,615	2,619	2,614	2,609	2,610	2,608	2,616	2,627	2,632	2,632
1977	2,641	2,639	2,655	2,672	2,683	2,687	2,706	2,717	2,726	2,724	2,735	2,740
1978	2,736	2,751	2,766	2,787	2,801	2,833	2,830	2,837	2,826	2,844	2,861	2,871
1979	2,869	2,876	2,886	2,872	2,883	2,892	2,885	2,892	2,898	2,901	2,901	2,899
1980	2,907	2,916	2,918	2,910	2,911	2,896	2,889	2,891	2,894	2,907	2,909	2,914
1981	2,913	2,910	2,909	2,907	2,904	2,900	2,897	2,898	2,902	2,896	2,889	2,882
1982	2,[illegible]2	2,879	2,875	2,865	2,866	2,864	2,857	2,853	2,852	2,845	2,840	2,837
1983	2,846	2,846	2,850	2,849	2,852	2,855	2,877	2,865	2,900	2,889	2,897	2,901
1984	2,914	2,926	2,924	2,930	2,940	2,951	2,960	2,975	2,984	2,996	3,009	3,012
1985	3,011	3,021	3,035	3,050	3,067	3,065	3,079	3,087	3,103	3,112	3,127	3,139





STATE OF OHIO

TOTAL NONAGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985[a]
(in thousands)

Industry	1985 average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4378.6	4237.6	4238.9	4282.7	4347.0	4404.3	4411.9	4383.5	4385.8	4437.7	4456.8	4473.1	4483.7
MANUFACTURING	1123.1	1122.7	1121.0	1124.2	1123.8	1128.3	1130.4	1120.4	1118.4	1121.4	1119.8	1123.1	1123.6
Durable Goods[b]	769.1	771.2	769.8	772.6	771.4	774.0	774.8	768.3	761.3	762.6	765.5	768.2	769.5
Lumber and wood products	16.9	15.3	15.2	15.6	16.6	17.1	17.5	17.5	17.8	17.8	17.7	17.6	17.2
Furniture and fixtures	14.6	15.2	15.0	15.2	14.6	14.8	14.6	14.5	14.4	14.4	14.5	14.1	14.3
Stone, clay, and glass products	50.4	49.7	49.1	49.5	50.0	50.6	51.0	50.7	51.2	51.4	51.2	51.0	49.8
Glass and glassware, pressed or blown.	11.6	12.4	12.3	12.1	11.8	11.6	11.4	11.0	11.3	11.5	11.4	11.4	10.9
Primary metal industries	102.7	105.0	105.1	105.7	104.6	104.7	103.9	103.3	99.0	98.5	99.0	101.3	102.7
Blast furnace and basic steel products	46.4	47.6	48.2	48.9	48.2	48.3	47.8	47.5	43.3	42.1	42.6	45.5	46.7
Iron and steel foundries	21.4	22.0	21.7	21.6	21.3	21.6	21.5	21.4	21.3	21.2	21.0	20.9	21.2
Nonferrous rolling and drawing	18.8	18.9	18.7	18.8	18.8	18.6	18.6	18.7	18.7	19.1	19.1	18.9	19.0
Fabricated metal products	138.9	138.8	138.7	138.8	139.5	140.9	140.8	138.3	137.2	139.1	138.7	138.6	137.3
Cutlery, hand tools, and hardware	11.4	11.7	11.7	11.6	11.4	11.5	11.5	11.2	11.2	11.2	11.3	11.3	11.2
Fabricated structural metal products .	28.7	28.1	27.8	28.2	28.5	29.3	29.4	29.2	28.9	29.3	28.7	28.7	28.3
Metal forgings and stampings	44.0	44.8	44.6	44.6	44.9	45.2	44.9	43.0	42.1	43.5	43.8	44.0	43.3
Machinery, except electrical	166.2	169.3	168.5	168.9	168.5	167.4	167.7	166.3	164.2	164.0	163.4	162.9	163.4
Construction and related machinery ...	15.3	16.0	16.0	16.0	15.9	15.5	15.6	15.3	15.1	14.7	14.6	14.6	14.6
Metalworking machinery	42.3	42.7	42.7	42.9	42.8	42.6	42.7	42.3	42.1	42.1	41.9	41.5	41.5
Special industry machinery	18.3	18.5	18.3	18.3	18.2	18.2	18.2	18.3	18.5	18.7	18.3	18.2	18.1
General industrial machinery	30.6	32.0	31.5	31.2	30.8	30.6	30.7	30.5	30.3	30.2	30.0	29.8	30.0
Office and computing machines	13.6	13.7	13.6	13.7	13.7	13.7	13.8	13.9	13.7	13.5	13.4	13.4	13.2
Refrigeration and service machinery ..	16.9	17.1	17.3	17.4	17.5	17.3	17.3	17.2	15.9	16.3	16.5	16.4	16.7
Electric and electronic equipment	90.5	93.4	92.9	92.6	91.3	90.6	90.5	89.7	89.8	89.2	89.1	88.1	89.0
Electrical industrial apparatus	18.1	18.6	18.6	18.5	18.4	18.3	18.2	18.0	18.1	17.9	17.8	17.7	17.4
Household appliances	16.8	17.1	17.0	17.0	16.4	16.4	16.6	16.6	17.0	16.7	16.9	17.0	17.0
Electric lighting and wiring equipment	17.9	18.6	18.6	18.4	18.2	17.9	17.8	17.7	17.4	17.5	17.4	17.4	17.5
Communication equipment	10.9	11.5	11.3	11.3	11.1	11.0	11.0	11.0	10.6	10.6	10.4	10.5	10.5
Transportation equipment	151.7	147.7	148.5	149.6	149.3	150.6	151.9	151.1	150.5	150.9	154.5	157.2	158.3
Motor vehicles and equipment	99.5	97.7	98.4	99.0	98.2	99.2	99.7	98.7	97.4	97.3	102.5	102.3	103.6
Aircraft and parts	43.4	41.0	41.0	41.4	41.8	42.3	43.0	43.4	44.4	44.7	45.4	46.1	46.3
Instruments and related products	23.0	23.1	23.0	22.9	22.9	22.8	22.9	22.8	22.8	23.1	23.1	23.3	23.5
Measuring and controlling devices	12.3	12.6	12.5	12.3	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.4	12.6
Nondurable Goods[c]	354.0	351.5	351.2	351.6	352.4	354.3	355.6	352.1	357.2	358.8	354.4	354.9	354.1
Food and kindred products	62.7	61.5	60.7	61.1	61.1	61.7	62.7	62.7	65.5	65.9	63.3	62.9	63.0
Meat products	10.1	10.2	10.1	10.2	9.6	9.9	10.2	10.2	10.2	10.4	10.1	10.2	10.3
Dairy products	9.8	9.4	9.4	9.5	9.7	9.8	10.0	10.0	10.0	10.0	10.0	9.9	10.0
Preserved fruits and vegetables	10.9	10.6	10.2	10.3	10.3	10.3	10.4	10.2	12.6	13.3	11.0	10.7	10.4
Bakery products	8.7	8.3	8.4	8.4	8.6	8.6	8.8	9.1	9.1	8.8	8.8	8.7	8.7
Beverages	10.0	9.6	9.6	9.7	9.8	10.0	10.2	10.3	10.5	10.3	10.1	10.1	10.2
Apparel and other textile products	16.9	16.7	16.8	16.9	16.8	16.8	16.8	16.6	16.7	17.2	17.1	17.2	16.8

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985P (Continued) .2

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	36.9	36.8	37.0	36.9	36.9	36.9	36.8	36.8	36.9	37.1	36.7	36.9	36.9
Misc. converted paper products	12.1	12.1	12.0	12.0	12.1	12.1	11.9	12.0	12.1	12.2	12.0	12.1	12.2
Paperboard containers and boxes	12.1	12.2	12.2	12.1	12.1	12.2	12.2	12.0	12.0	12.0	11.8	11.9	11.9
Printing and publishing	66.6	65.7	65.8	65.8	66.3	66.6	66.5	66.5	66.8	66.9	67.1	67.5	67.6
Newspapers	18.5	18.2	18.2	18.3	18.4	18.5	18.5	18.4	18.6	18.5	18.7	19.0	19.1
Commercial printing	25.1	24.7	24.5	24.7	24.9	25.0	24.9	25.1	25.0	25.4	25.6	25.7	25.8
Chemicals and allied products	62.4	62.3	62.2	62.4	62.9	63.1	63.2	62.7	62.8	62.6	61.4	61.6	61.4
Industrial inorganic chemicals	10.2	10.7	10.7	10.7	10.8	10.7	10.4	9.9	10.2	10.0	9.2	9.6	9.4
Rubber and misc. plastics products	91.0	91.3	91.4	91.1	90.9	91.1	91.6	88.7	90.5	91.4	91.3	91.7	91.1
Tires and inner tubes	19.7	20.5	20.6	20.5	20.5	20.4	20.2	18.3	19.5	19.4	19.1	19.1	18.7
Miscellaneous plastics products	51.1	50.5	50.4	50.3	50.1	50.5	50.9	50.4	51.1	51.9	52.0	52.4	52.4
NONMANUFACTURING	3255.5	3114.9	3117.9	3158.6	3223.2	3276.0	3281.5	3263.2	3267.3	3316.3	3337.0	3350.0	3360.1
MINING	26.4	26.5	25.8	26.0	26.2	26.4	26.5	26.8	26.5	26.6	26.5	26.6	26.2
Bituminous coal and lignite mining	10.9	10.8	10.6	10.9	11.1	11.0	10.9	11.1	11.0	10.9	10.9	11.0	10.[illegible]
Oil and gas extraction	11.0	11.8	11.5	11.1	10.7	10.7	10.8	11.0	11.0	10.9	10.8	10.9	10.9
CONSTRUCTION	154.1	127.5	120.8	130.9	145.1	156.3	161.3	168.1	172.1	172.6	172.9	166.6	155.7
General building contractors	38.5	33.0	30.9	33.3	36.3	38.5	39.9	41.4	42.1	42.6	42.5	42.0	40.2
Heavy construction contractors	20.4	13.6	12.4	14.0	18.2	22.2	23.7	24.6	25.7	25.2	25.1	22.1	18.6
Highway and street construction	8.7	4.0	3.7	4.6	7.3	10.0	10.9	11.5	11.8	11.7	11.7	9.8	7.5
Special trade contractors	95.1	80.9	77.6	82.7	90.7	95.7	97.7	102.0	104.3	104.8	105.3	102.6	96.9
TRANSPORTATION AND PUBLIC UTILITIES	202.5	197.8	198.2	199.3	201.6	203.4	204.7	204.4	203.2	204.3	204.4	204.3	204.4
Railroad transportation	17.0	17.3	16.9	16.5	17.2	17.6	17.6	17.3	17.4	17.2	17.0	16.6	16.0
Transportation, except railroads	95.4	91.2	91.9	93.3	94.7	95.7	96.4	96.1	94.8	96.6	97.5	97.9	98.6
Trucking and warehousing	68.5	66.1	66.6	67.6	67.8	68.4	68.9	68.7	67.4	68.9	69.9	70.3	71.1
Communication, electric, gas services ..	90.1	89.4	89.4	89.5	89.8	90.1	90.7	90.9	91.0	90.5	90.0	89.9	89.8
Communication	49.5	49.2	49.3	49.4	49.6	49.7	49.9	49.7	49.7	49.5	49.3	49.3	49.1
Electric, gas, and sanitary services .	40.6	40.1	40.0	40.1	40.2	40.4	40.3	41.2	41.3	41.0	40.7	40.6	40.7
WHOLESALE TRADE	246.5	240.4	240.3	242.0	243.8	246.0	246.9	248.1	249.0	249.3	250.3	250.9	251.2
Wholesale trade-durable goods	156.8	152.5	152.4	153.8	155.0	156.4	156.9	157.9	158.6	158.9	159.5	159.9	160.0
Motor vehicles & automotive equipment.	24.0	22.9	22.9	23.5	23.6	23.8	24.0	24.4	24.4	24.5	24.6	24.6	24.7
Electrical goods	20.5	20.1	20.1	20.1	20.3	20.4	20.5	20.5	20.6	20.7	20.8	21.0	21.1
Machinery, equipment, and supplies ...	65.9	64.3	64.5	64.9	65.3	65.8	65.9	66.2	66.5	66.5	66.7	66.9	67.1
Wholesale trade-nondurable goods	89.7	87.9	87.8	88.2	88.8	89.7	90.0	90.2	90.5	90.4	90.8	91.0	91.2
Groceries and related products	27.8	27.3	27.2	27.4	27.5	27.8	28.1	27.9	28.0	28.1	28.0	28.2	28.2
RETAIL TRADE	789.8	752.9	740.1	751.5	771.8	789.0	794.4	797.4	802.8	807.2	809.9	821.9	838.7
General merchandise stores	113.4	116.2	108.8	109.0	109.4	110.9	110.7	110.3	110.3	111.9	114.1	120.3	128.2
Department stores	103.9	106.8	99.6	99.7	100.0	101.5	101.4	101.0	101.0	102.5	104.6	110.4	117.9
Food stores	125.6	121.1	120.8	121.5	123.2	125.1	125.7	125.7	126.2	127.5	128.3	129.8	131.8
Automobile dealers and service stations.	87.1	82.8	82.7	83.9	86.0	87.2	88.0	88.9	89.2	89.2	89.2	89.2	89.3
Apparel and accessory stores	36.8	35.9	34.8	35.2	35.7	36.3	36.4	36.3	36.9	37.0	37.7	38.9	40.9
Eating and drinking places	276.6	253.7	252.5	259.3	271.1	280.0	283.2	285.7	288.6	289.0	285.5	285.0	286.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	218.3	212.7	213.2	214.1	215.3	217.4	219.8	221.4	221.4	221.0	220.1	221.2	221.6
Banking	59.7	58.3	58.2	58.3	58.7	59.0	59.8	60.6	60.8	60.7	60.5	60.9	61.2
Credit agencies other than banks	34.1	33.6	33.5	33.9	33.6	33.8	33.9	34.3	34.4	34.4	34.5	34.5	34.6
Insurance carriers	58.3	57.2	57.7	57.8	58.1	58.4	58.9	58.9	58.7	58.5	58.2	58.5	58.3
Life insurance	21.7	21.6	21.8	21.9	21.8	21.9	22.1	22.0	21.7	21.7	21.4	21.5	21.3
Fire, marine, and casualty insurance .	27.6	27.1	27.3	27.3	27.4	27.6	27.8	27.9	27.9	27.8	27.7	27.9	27.9
SERVICES	953.3	903.6	910.0	920.0	944.0	958.9	965.1	966.3	968.2	977.7	974.2	974.6	976.5
Hotels and other lodging places	32.7	29.5	29.7	30.1	31.8	33.3	34.4	35.0	35.1	34.3	33.5	33.1	32.8
Personal services	52.1	50.6	50.9	51.5	53.4	52.6	51.7	51.2	51.5	52.1	52.6	53.0	53.4
Laundry, cleaning, & garment services.	17.7	17.1	17.0	17.2	17.6	18.0	18.0	17.8	17.7	17.8	18.0	18.2	18.3
Business services	173.8	160.6	161.7	164.4	169.1	172.1	174.1	176.0	178.9	180.5	182.0	182.2	184.2
Services to buildings	26.1	24.6	25.0	25.4	25.6	26.1	26.3	26.2	26.3	26.6	26.9	27.2	27.3
Computer and data processing services.	15.8	14.9	14.9	14.9	15.4	15.5	15.7	16.1	16.2	16.2	16.3	16.6	16.9
Amusement and recreation services	38.9	28.1	28.0	29.7	36.7	45.0	50.2	52.2	52.0	46.7	34.0	32.6	32.0
Health services	329.0	323.4	323.4	323.2	325.7	327.5	329.9	331.0	331.6	331.8	332.6	332.9	334.3
Nursing and personal care facilities .	70.6	68.7	68.8	69.0	69.9	70.7	71.4	71.4	71.6	71.3	71.5	71.7	71.9
Hospitals	166.2	165.3	165.2	165.1	165.2	165.5	166.3	167.2	167.0	166.9	167.0	166.9	167.3
Educational services	59.7	59.8	63.7	63.4	62.8	60.1	54.0	48.5	46.7	59.6	65.3	67.2	65.3
Colleges and universities	32.4	33.1	36.5	36.1	35.5	32.6	27.2	23.3	22.1	31.7	36.7	37.9	36.2
GOVERNMENT	664.7	653.5	669.6	675.7	675.4	678.6	662.7	630.8	624.1	657.6	678.7	683.9	685.8
Federal government	91.7	89.5	89.5	89.6	91.7	91.6	92.6	93.1	93.1	92.5	91.9	92.3	92.9
State government	142.8	136.4	147.6	149.9	149.4	148.4	139.7	126.9	125.7	136.7	149.8	151.1	152.4
State government education[d]	73.1	67.9	79.0	81.0	79.3	79.2	68.4	55.4	54.4	66.7	81.0	82.5	82.9
State government, except education ...	69.7	68.5	68.6	68.9	70.1	69.2	71.3	71.5	71.2	70.0	68.8	68.7	69.5
Local government	430.2	427.7	432.5	436.3	434.3	438.6	430.4	410.8	405.4	428.4	437.0	440.5	440.5
Local government education	245.5	246.3	252.8	255.9	253.5	255.8	240.1	216.4	213.3	242.9	254.0	257.8	257.6
Local government, except education ...	184.6	181.3	179.6	180.4	180.8	182.8	190.3	194.3	192.1	185.5	182.9	182.6	182.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-0 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a]

1.

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.38	$11.30	$11.39	$11.32	$11.34	$11.33	$11.37	$11.33	$11.26	$11.36	$11.43	$11.49	$11.64
Durable Goods[b]	11.81	11.74	11.81	11.74	11.76	11.75	11.79	11.73	11.69	11.81	11.89	11.93	12.13
Lumber and wood products	7.44	7.45	7.60	7.72	7.67	7.56	7.47	7.37	7.31	7.37	7.33	7.29	7.22
Furniture and fixtures	8.13	7.99	8.02	8.02	8.06	8.03	7.99	7.95	8.17	8.23	8.26	8.41	8.45
Stone, clay, and glass products	10.44	10.32	10.36	10.30	10.48	10.32	10.46	10.45	10.47	10.45	10.52	10.53	10.59
Glass and glassware, pressed or blown.	11.28	11.40	11.35	11.15	11.44	11.13	11.35	11.19	11.19	11.13	11.34	11.33	11.34
Primary metal industries	13.13	12.98	13.22	13.07	13.09	13.07	13.15	13.08	13.15	13.21	13.12	13.15	13.27
Blast furnace and basic steel products	13.30	13.10	13.45	13.28	13.29	13.29	13.30	13.35	13.36	13.33	13.35	13.24	13.29
Iron and steel foundries	13.56	13.43	13.58	13.34	13.47	13.39	13.56	13.18	13.49	13.83	13.47	13.82	14.09
Nonferrous rolling and drawing	14.17	14.08	14.27	14.17	14.16	14.07	14.32	14.25	14.18	14.18	14.05	14.10	14.17
Fabricated metal products	11.69	11.57	11.70	11.76	11.84	11.69	11.68	11.62	11.38	11.66	11.69	11.72	11.97
Cutlery, hand tools, and hardware	12.26	11.87	12.37	12.30	12.68	12.36	12.09	12.32	11.91	12.14	12.19	12.31	12.59
Fabricated structural metal products .	10.12	10.19	10.30	10.19	10.08	10.05	10.09	10.17	9.99	9.98	10.03	10.11	10.22
Metal forgings and stampings	14.23	13.95	14.03	14.30	14.46	14.19	14.27	14.12	13.79	14.24	14.27	14.29	14.73
Machinery, except electrical	11.19	11.13	11.21	11.06	11.09	11.07	11.19	11.21	11.17	11.25	11.31	11.27	11.33
Construction and related machinery ...	10.04	10.19	10.21	10.02	9.97	10.01	10.14	9.99	10.05	10.00	10.09	9.87	9.96
Metalworking machinery	10.59	10.56	10.53	10.56	10.55	10.49	10.58	10.57	10.56	10.53	10.54	10.68	10.90
Special industry machinery	10.73	10.69	10.70	10.68	10.65	10.65	10.66	10.58	10.74	10.75	10.77	10.88	10.97
General industrial machinery	11.64	11.51	11.67	11.60	11.72	11.68	11.63	11.69	11.63	11.69	11.65	11.72	11.51
Office and computing machines	8.99	8.69	8.93	8.84	8.90	8.82	8.97	9.01	8.94	9.17	9.13	9.22	9.31
Refrigeration and service machinery ..	13.09	12.75	13.21	12.47	12.80	12.59	13.01	13.14	13.09	13.28	13.64	13.58	13.67
Electric and electronic equipment	10.62	10.41	10.55	10.49	10.47	10.49	10.59	10.54	10.61	10.65	10.79	10.76	11.04
Electrical industrial apparatus	10.32	9.94	10.04	10.10	10.13	10.19	10.27	10.26	10.47	10.38	10.64	10.72	10.73
Household appliances	11.00	10.74	10.87	10.84	10.82	10.97	10.92	10.95	10.89	11.12	11.20	11.25	11.40
Electric lighting and wiring equipment	10.54	10.41	10.58	10.28	10.45	10.35	10.58	10.31	10.56	10.50	10.68	10.78	11.08
Communication equipment	11.75	11.42	11.89	12.01	11.88	11.56	11.64	11.69	11.80	11.84	11.54	11.66	12.00
Transportation equipment	14.18	14.25	14.13	14.09	14.03	14.11	14.12	14.00	13.99	14.15	14.29	14.32	14.63
Motor vehicles and equipment	14.74	14.82	14.68	14.59	14.57	14.68	14.65	14.54	14.49	14.75	14.86	14.90	15.26
Aircraft and parts	12.78	12.69	12.64	13.05	12.77	12.65	12.87	12.67	12.88	12.76	12.63	12.88	12.83
Instruments and related products	8.71	8.21	8.43	8.52	8.61	8.62	8.61	8.61	8.75	8.87	8.95	8.99	9.26
Measuring and controlling devices	8.90	8.28	8.65	8.89	8.95	8.92	8.91	8.88	8.90	8.92	8.93	8.96	9.47
Nondurable Goods[c]	10.31	10.18	10.35	10.26	10.29	10.26	10.34	10.34	10.24	10.30	10.29	10.43	10.43
Food and kindred products	9.91	9.96	10.10	10.02	10.00	9.96	9.93	10.07	9.77	9.78	9.83	9.79	9.78
Meat products	9.16	9.34	9.32	9.05	9.07	9.24	9.15	9.21	9.16	9.10	9.07	9.13	9.06
Dairy products	10.19	10.01	10.05	10.06	10.07	10.20	10.15	10.21	10.29	10.39	10.27	10.27	10.28
Preserved fruits and vegetables	9.16	8.83	9.21	9.11	9.03	9.23	9.36	9.56	8.95	9.01	9.31	9.24	9.21
Bakery products	11.19	10.99	10.97	11.13	11.00	11.06	11.32	11.29	11.21	11.34	11.23	11.36	11.41
Beverages	9.82	9.69	9.55	9.68	9.78	9.60	9.80	9.86	9.90	10.13	9.95	9.92	9.89
Apparel and other textile products	6.82	6.71	6.80	6.80	6.70	6.75	6.92	6.86	6.77	6.81	6.74	6.89	7.03

See footnotes at end of table.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	$10.60	$10.40	$10.49	$10.42	$10.50	$10.47	$10.59	$10.57	$10.65	$10.68	$10.65	$10.90	$10.91
Misc. converted paper products	9.73	9.49	9.47	9.60	9.46	9.53	9.86	9.95	10.06	9.93	9.69	9.84	9.93
Paperboard containers and boxes	9.44	9.32	9.28	9.23	9.47	9.33	9.44	9.41	9.48	9.55	9.45	9.56	9.72
Printing and publishing	10.29	10.10	10.18	10.21	10.10	10.20	10.24	10.32	10.31	10.40	10.40	10.46	10.56
Newspapers	9.81	9.80	9.73	9.67	9.73	9.82	9.84	9.80	9.73	9.85	9.84	9.94	9.96
Commercial printing	10.11	9.95	10.07	10.12	9.88	9.96	10.01	10.20	10.13	10.21	10.14	10.20	10.33
Chemicals and allied products	11.77	11.74	11.80	11.81	11.84	11.74	11.73	11.62	11.64	11.70	11.77	11.96	11.93
Industrial inorganic chemicals	12.87	12.54	12.64	12.80	12.86	12.98	13.02	12.93	12.82	12.89	12.87	13.20	12.91
Rubber and misc. plastics products	10.17	10.01	10.20	10.07	10.17	10.12	10.30	10.29	10.13	10.18	10.08	10.25	10.26
Tires and inner tubes	13.23	13.01	13.21	13.04	13.12	13.07	13.28	13.44	13.29	13.28	13.22	13.38	13.49
Miscellaneous plastics products	10.00	9.81	10.01	9.87	10.00	9.97	10.21	10.23	9.35	10.00	9.87	10.06	10.03
MINING	11.63	11.52	11.85	11.80	11.79	11.65	11.57	11.50	11.54	11.40	11.57	11.70	11.74
Bituminous coal and lignite mining	14.92	14.92	15.14	15.10	15.09	15.02	14.93	14.96	14.94	14.61	14.74	14.84	14.76
CONSTRUCTION	15.25	15.83	16.05	15.46	15.21	15.13	14.81	14.96	15.09	15.05	15.15	15.31	15.48
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	12.60	12.29	12.43	12.34	12.38	12.41	12.42	12.55	12.78	12.87	12.86	12.99	12.92
Communication	12.51	12.07	12.23	12.19	12.22	12.25	12.30	12.39	12.79	12.87	12.81	13.06	12.91
Electric, gas, and sanitary services .	12.74	12.59	12.69	12.53	12.59	12.63	12.58	12.77	12.77	12.88	12.93	12.91	12.94
WHOLESALE TRADE	8.86	8.73	8.75	8.72	8.74	8.81	8.77	8.87	8.87	8.89	8.95	9.06	9.13
Wholesale trade-durable goods	8.71	8.56	8.54	8.53	8.55	8.66	8.63	8.67	8.73	8.76	8.85	8.95	9.01
Wholesale trade-nondurable goods	9.13	9.04	9.14	9.06	9.06	9.07	9.01	9.21	9.13	9.12	9.13	9.25	9.35
RETAIL TRADE[d]	5.43	5.43	5.43	5.43	5.45	5.42	5.39	5.39	5.39	5.47	5.49	5.45	5.47
General merchandise stores	5.81	5.54	5.73	5.72	5.76	5.79	5.75	5.84	5.82	5.90	5.99	5.90	5.95
Department stores	5.94	5.64	5.85	5.85	5.88	5.91	5.87	5.96	5.94	6.03	6.14	6.05	6.09
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	9.06	8.92	9.93	8.92	8.99	8.98	8.98	9.07	9.10	9.19	9.21	9.18	9.24

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-3-86 R5-790-4-0 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a]

1.

Industry	1985 Average[a]	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.0	42.3	39.9	42.4	42.0	42.0	42.3	41.7	41.7	42.2	42.2	42.4	43.0
Durable Goods[b]	42.3	42.6	40.0	42.7	42.3	42.4	42.6	41.8	41.9	42.4	42.5	42.6	43.4
Lumber and wood products	40.1	39.2	36.2	41.4	40.5	40.6	41.1	40.5	39.3	40.4	41.1	39.9	40.2
Furniture and fixtures	39.9	39.5	36.7	40.0	40.3	39.3	39.4	39.6	40.4	40.2	40.5	41.7	41.4
Stone, clay, and glass products	41.6	40.6	39.1	41.6	42.0	41.9	42.2	42.0	42.0	42.1	42.0	41.9	41.7
Glass and glassware, pressed or blown.	40.3	39.2	38.7	40.4	39.9	40.0	40.9	40.5	40.8	40.9	40.6	41.0	41.0
Primary metal industries	41.8	41.6	40.9	41.8	41.9	42.1	42.6	41.6	42.0	41.9	41.3	41.8	42.6
Blast furnace and basic steel products	39.7	39.0	39.1	39.9	39.6	39.8	41.0	40.6	39.9	39.0	39.1	39.2	39.9
Iron and steel foundries	43.4	43.4	41.3	42.6	43.5	43.6	44.0	41.1	44.1	44.7	42.6	44.2	45.2
Nonferrous rolling and drawing	43.3	44.2	43.5	44.1	43.9	43.2	43.8	42.2	42.1	43.2	42.4	43.0	43.4
Fabricated metal products	42.1	42.8	39.8	42.7	42.7	42.2	42.2	41.9	41.2	41.8	42.0	42.4	43.4
Cutlery, hand tools, and hardware	41.4	40.6	39.4	42.4	43.4	41.4	40.3	41.0	40.5	42.1	41.2	41.8	42.9
Fabricated structural metal products	41.6	42.3	38.7	41.4	40.8	42.2	42.1	42.5	42.4	41.1	40.5	42.1	43.1
Metal forgings and stampings	44.1	45.2	41.9	45.3	45.7	44.1	43.9	43.3	41.7	43.7	44.2	44.4	45.5
Machinery, except electrical	42.5	43.1	40.9	43.1	42.4	42.5	43.0	42.1	42.0	42.5	42.3	42.3	43.2
Construction and related machinery	39.8	40.1	37.9	41.0	40.3	40.2	40.3	39.5	39.7	40.0	39.9	39.8	39.5
Metalworking machinery	42.0	42.2	40.1	42.6	42.1	42.0	42.4	41.6	41.6	41.8	41.8	42.5	43.9
Special industry machinery	44.1	45.5	42.4	45.3	44.2	44.1	44.1	43.4	43.8	43.9	43.4	44.1	44.9
General industrial machinery	42.3	42.6	40.8	42.9	42.5	42.2	42.3	42.3	42.4	42.8	41.9	42.1	42.2
Office and computing machines	41.1	41.1	38.7	39.8	39.6	40.6	41.9	39.6	42.7	42.2	41.6	41.5	44.4
Refrigeration and service machinery	43.8	44.3	41.4	43.4	44.3	43.4	45.0	45.1	42.5	43.7	44.0	43.7	45.1
Electric and electronic equipment	40.8	40.6	38.3	41.8	40.8	40.2	40.9	40.1	40.6	40.9	41.4	41.8	42.3
Electrical industrial apparatus	40.5	40.3	38.9	41.0	40.4	40.2	40.3	39.9	40.4	41.0	40.9	41.0	41.6
Household appliances	40.9	41.3	35.7	43.5	40.4	40.2	41.3	40.8	41.1	41.3	41.7	42.3	41.8
Electric lighting and wiring equipment	40.2	39.4	39.5	40.3	40.6	39.5	40.5	37.6	40.0	40.3	41.2	41.7	41.5
Communication equipment	42.6	42.8	41.3	45.4	43.1	42.2	42.2	42.9	42.6	42.1	41.1	42.3	43.0
Transportation equipment	44.8	46.3	41.5	45.0	44.3	45.3	45.0	43.8	43.8	45.1	45.7	45.3	46.3
Motor vehicles and equipment	45.6	47.5	42.1	45.2	44.7	46.2	45.8	44.5	44.5	46.0	46.7	46.3	47.2
Aircraft and parts	43.1	43.1	39.6	44.7	42.6	42.2	43.3	42.1	42.2	43.7	43.6	45.1	44.1
Instruments and related products	40.5	39.9	37.1	41.2	40.0	40.0	40.7	39.8	40.6	41.7	41.4	41.5	42.0
Measuring and controlling devices	39.1	38.5	34.1	40.8	38.7	38.5	40.4	38.8	39.1	40.1	39.2	39.6	41.3
Nondurable Goods[c]	41.3	41.3	39.8	41.4	41.3	41.0	41.5	41.2	41.3	41.8	41.3	41.7	42.1
Food and kindred products	41.7	41.5	40.4	41.4	41.3	41.7	41.3	42.0	42.3	43.3	41.6	41.3	41.5
Meat products	41.4	41.4	39.2	41.5	40.7	43.4	42.4	41.3	41.7	41.5	41.1	41.6	41.0
Dairy products	43.7	43.3	43.1	43.0	43.2	44.1	43.9	44.1	44.0	44.7	43.4	43.3	43.7
Preserved fruits and vegetables	40.8	39.5	37.6	38.9	39.8	39.2	40.6	40.0	43.1	45.9	42.1	39.7	40.4
Bakery products	38.5	41.7	38.8	40.2	39.0	40.5	31.1	38.5	38.5	38.7	38.7	38.3	38.2
Beverages	41.3	39.9	39.7	41.2	41.8	42.1	42.8	42.5	41.7	43.1	39.8	39.7	40.7
Apparel and other textile products	37.1	37.6	33.9	37.1	37.1	37.2	36.7	36.8	36.6	37.6	37.7	38.1	38.7

See footnotes at end of table.

AVERAGE WEEKLY HOURS OF NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	43.7	44.0	42.5	43.3	43.7	43.2	43.6	43.5	43.8	44.0	43.6	44.5	44.5
Misc. converted paper products	43.3	44.0	42.3	43.8	42.8	42.8	43.7	43.5	42.8	43.7	42.4	43.4	44.0
Paperboard containers and boxes	41.6	42.0	38.2	40.6	41.8	40.7	41.3	41.6	42.7	43.1	42.5	42.1	42.8
Printing and publishing	38.4	38.1	37.0	38.2	38.3	37.8	37.7	38.3	38.6	38.8	38.4	39.3	40.2
Newspapers	33.7	32.8	33.3	33.1	33.2	33.8	33.3	33.7	34.3	34.1	34.0	34.4	34.3
Commercial printing	39.9	39.8	38.1	39.5	39.6	38.9	38.6	39.8	39.9	40.4	40.0	41.0	42.5
Chemicals and allied products	42.0	41.8	41.0	42.6	42.0	41.6	42.8	41.9	41.9	42.0	41.6	42.2	42.6
Industrial inorganic chemicals	42.5	41.8	41.6	43.1	43.0	42.5	43.2	41.9	41.0	42.0	42.6	43.4	44.4
Rubber and misc. plastics products	42.2	42.4	40.4	42.6	42.2	41.7	43.0	41.9	41.7	42.4	42.3	42.7	43.2
Tires and inner tubes	44.8	44.1	44.6	45.2	44.8	44.6	45.8	45.1	44.7	45.3	43.4	44.8	45.5
Miscellaneous plastics products	41.9	42.3	39.8	42.4	42.0	41.2	43.0	41.9	41.0	42.0	42.2	42.5	43.1
MINING	43.7	43.8	44.5	44.2	43.0	43.2	42.9	42.5	43.3	43.9	45.0	44.5	44.0
Bituminous coal and lignite mining	41.6	41.9	44.1	43.3	42.7	41.7	40.7	39.5	39.9	40.8	41.7	41.5	41.8
CONSTRUCTION	38.4	38.3	36.7	38.7	39.2	38.9	37.8	38.9	38.8	39.6	39.5	36.3	37.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	40.8	40.4	40.4	40.4	40.5	40.6	40.7	41.1	40.9	41.1	40.9	41.3	41.0
Communication	40.4	39.9	39.9	39.9	40.2	40.2	40.5	40.9	40.6	40.8	40.4	41.3	40.7
Electric, gas, and sanitary services .	41.3	41.1	41.2	41.2	41.0	41.1	41.0	41.3	41.3	41.5	41.5	41.4	41.5
WHOLESALE TRADE	39.1	39.0	38.3	38.9	38.8	38.9	39.2	39.2	39.1	39.3	39.5	39.4	39.5
Wholesale trade-durable goods	39.5	39.5	38.7	39.5	39.3	39.3	39.6	39.5	39.6	39.7	39.7	39.8	39.7
Wholesale trade-nondurable goods	38.4	38.3	37.5	37.8	37.9	38.2	38.4	38.8	38.4	38.6	39.0	38.5	39.1
RETAIL TRADE	28.9	27.9	27.4	28.4	28.5	29.1	29.4	29.8	29.7	29.2	28.9	28.6	29.2
General merchandise stores	29.5	28.1	26.7	28.9	29.1	30.0	30.1	31.0	30.2	29.9	29.4	29.1	31.1
Department stores	29.5	28.1	26.7	28.9	29.2	30.1	30.2	31.1	30.3	30.0	29.4	29.4	31.1
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....
Credit agencies other than banks	....	....	....	....	....	....	....	....	....	....	....	....	....
Insurance carriers	....	....	....	....	....	....	....	....	....	....	....	....	....
SERVICES	....	....	....	....	....	....	....	....	....	....	....	....	....
Health services	....	....	....	....	....	....	....	....	....	....	....	....	....
Hospitals	33.9	33.9	33.5	33.8	33.8	33.9	34.1	34.2	34.2	34.3	33.9	33.9	33.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable with previous figures due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-4-86 RS-790-3-0 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a]

1.

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$477.96	$477.99	$454.46	$479.97	$476.28	$475.86	$480.95	$472.46	$469.54	$479.39	$482.35	$487.18	$500.52
Durable Goods[b]	499.56	500.12	472.40	501.30	497.45	498.20	502.25	490.31	489.81	500.74	505.33	508.22	526.44
Lumber and wood products	296.34	292.04	275.12	319.61	310.64	306.94	307.02	298.49	287.28	297.75	301.26	290.87	290.24
Furniture and fixtures	324.39	315.61	294.33	320.80	324.82	315.58	314.81	314.82	330.07	330.85	334.53	350.70	349.83
Stone, clay, and glass products	434.30	418.99	405.08	428.48	440.16	432.41	441.41	438.90	439.74	439.95	441.84	441.21	441.60
Glass and glassware, pressed or blown.	454.58	446.88	439.25	450.46	456.46	445.20	464.22	453.20	456.55	455.22	460.40	464.53	464.94
Primary metal industries	548.83	539.97	540.70	546.33	548.47	550.25	560.19	544.13	552.30	553.50	541.86	549.67	565.30
Blast furnace and basic steel products	528.01	510.90	525.90	529.87	526.28	528.94	545.30	542.01	533.06	519.87	521.99	519.01	530.27
Iron and steel foundries	588.50	582.86	560.85	568.28	585.95	583.80	596.64	541.70	594.91	618.20	573.82	610.84	636.87
Nonferrous rolling and drawing	613.56	622.34	620.75	624.90	621.62	607.82	627.22	601.35	596.98	612.58	595.72	606.30	614.98
Fabricated metal products	492.15	495.20	465.66	502.15	505.57	493.32	492.90	486.88	468.86	487.39	490.98	496.93	519.50
Cutlery, hand tools, and hardware	507.56	481.92	467.38	521.52	550.31	511.70	487.23	505.12	482.36	511.09	502.23	514.56	540.11
Fabricated structural metal products .	420.99	431.04	398.61	421.87	411.26	424.11	424.79	432.23	423.58	410.18	406.22	425.63	440.48
Metal forgings and stampings	627.54	630.54	587.86	647.79	660.82	625.78	626.45	611.40	575.04	622.29	630.73	634.48	670.22
Machinery, except electrical	475.58	479.70	458.49	476.69	470.22	470.48	481.17	471.94	469.14	478.13	478.41	476.72	489.46
Construction and related machinery ...	399.59	408.62	386.96	410.82	401.79	402.40	408.64	394.61	398.99	400.00	402.59	392.83	393.42
Metalworking machinery	444.78	445.63	422.25	449.86	444.16	440.58	448.59	439.71	439.30	440.15	440.57	453.90	478.51
Special industry machinery	473.19	486.40	453.68	483.80	470.73	469.67	470.11	459.17	470.41	471.93	467.42	479.81	492.55
General industrial machinery	492.37	490.33	476.14	497.64	498.10	492.90	491.95	494.49	493.11	500.33	488.14	493.41	485.72
Office and computing machines	369.49	357.16	345.59	351.83	352.44	358.09	375.84	356.80	381.74	386.97	379.81	382.63	413.36
Refrigeration and service machinery ..	573.34	564.83	546.89	541.20	567.04	546.41	585.45	592.61	556.33	580.34	600.16	593.45	616.52
Electric and electronic equipment	433.30	422.65	404.07	438.48	427.18	421.70	433.13	422.65	430.77	435.59	446.71	449.77	466.99
Electrical industrial apparatus	417.96	400.58	390.56	414.10	409.25	409.64	413.88	409.37	422.99	425.58	435.18	439.52	446.37
Household appliances	449.90	443.56	388.06	471.54	437.13	440.99	451.00	446.76	447.58	459.26	467.04	475.88	476.52
Electric lighting and wiring equipment	423.71	410.15	417.91	414.28	424.27	408.83	428.49	387.66	422.40	423.15	440.02	449.53	459.82
Communication equipment	500.55	488.78	491.06	545.25	512.03	487.83	491.21	501.50	502.68	498.46	474.29	493.22	516.00
Transportation equipment	635.26	659.78	586.40	634.05	621.53	639.18	635.40	613.20	612.76	638.17	653.05	648.70	677.37
Motor vehicles and equipment	672.14	703.95	618.03	659.47	651.28	678.22	670.97	647.03	644.81	678.50	693.96	689.87	720.27
Aircraft and parts	550.82	546.94	500.54	583.34	544.00	533.83	557.27	533.41	543.54	557.61	550.67	580.89	565.80
Instruments and related products	352.76	327.58	312.75	351.02	344.40	344.80	350.43	342.69	355.25	369.88	370.53	373.09	388.92
Measuring and controlling devices	347.99	318.78	294.97	362.71	346.37	343.42	359.96	344.54	347.99	357.69	350.06	354.82	391.11
Nondurable Goods[c]	425.80	420.43	411.93	424.76	424.98	420.66	429.11	426.01	422.91	430.54	424.98	434.93	439.10
Food and kindred products	413.25	413.34	408.04	414.83	413.00	415.33	410.11	422.94	413.27	423.47	408.93	404.33	405.87
Meat products	379.22	386.68	365.34	375.58	369.15	401.02	387.96	380.37	381.97	377.65	372.78	379.81	371.46
Dairy products	445.30	433.43	433.16	432.58	435.02	449.82	445.59	450.26	452.76	464.43	445.72	444.69	449.24
Preserved fruits and vegetables	373.73	348.79	346.30	354.38	359.39	361.82	380.02	382.40	385.75	413.56	391.95	366.83	372.08
Bakery products	430.82	458.28	425.64	447.43	429.00	447.93	352.05	434.67	431.59	438.86	434.60	435.85	435.86
Beverages	405.57	386.63	379.14	398.82	408.80	404.16	419.44	419.05	412.83	436.60	396.01	393.82	402.52
Apparel and other textile products	253.02	252.30	230.52	252.28	248.57	251.10	253.96	252.45	247.78	256.06	254.10	262.51	272.06

See footnotes at end of table.

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1985[a] (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	$463.22	$457.60	$443.73	$451.19	$458.85	$452.30	$461.72	$459.80	$466.47	$469.92	$464.34	$485.05	$485.50
Misc. converted paper products	421.31	417.56	400.58	420.48	404.89	407.88	430.88	432.83	430.57	433.94	410.86	427.06	436.92
Paperboard containers and boxes	392.70	391.44	354.50	374.74	395.85	379.73	389.87	391.46	404.80	411.61	401.63	402.48	416.02
Printing and publishing	395.14	384.81	376.66	390.02	386.83	385.56	386.05	395.26	397.97	403.52	399.36	411.08	424.51
Newspapers	330.60	321.44	324.01	320.08	323.04	331.92	327.67	330.26	333.74	335.89	334.56	341.94	341.63
Commercial printing	403.39	396.01	383.67	399.74	391.25	387.44	386.39	405.96	404.19	412.48	405.60	418.20	439.03
Chemicals and allied products	494.34	490.73	483.80	503.11	497.28	488.38	502.04	486.88	487.72	491.40	489.63	504.71	508.22
Industrial inorganic chemicals	546.98	524.17	525.82	551.68	552.98	551.65	562.46	541.77	525.62	541.38	548.26	572.88	573.20
Rubber and misc. plastics products	429.17	424.42	412.08	428.98	429.17	422.00	442.90	431.15	422.42	431.63	426.38	437.68	443.23
Tires and inner tubes	592.70	573.74	589.17	589.41	587.78	582.92	608.22	606.14	594.06	601.58	573.75	599.42	613.80
Miscellaneous plastics products	419.00	414.96	398.40	418.49	420.00	410.76	439.03	427.61	407.95	420.00	416.51	427.55	432.29
MINING	508.23	504.58	527.33	521.56	506.97	503.28	496.35	488.75	499.68	500.46	520.65	520.65	516.56
Bituminous coal and lignite mining	620.67	625.15	667.67	653.83	644.34	626.33	607.65	590.92	596.11	596.09	614.66	615.86	616.97
CONSTRUCTION	585.60	606.29	589.04	598.30	596.23	588.56	559.82	581.94	585.49	595.98	598.43	555.75	586.69
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	514.08	496.52	502.17	498.54	501.39	503.85	505.49	515.81	522.70	528.96	525.97	536.49	529.72
Communication	505.40	481.59	487.98	486.38	491.24	492.45	498.15	506.75	519.27	525.10	517.52	539.38	525.44
Electric, gas, and sanitary services	526.16	517.45	522.83	516.24	516.19	519.09	515.78	527.40	527.40	534.52	536.60	534.47	537.01
WHOLESALE TRADE	346.43	340.47	335.13	339.21	339.11	342.71	343.78	347.70	346.82	349.38	353.53	356.96	360.64
Wholesale trade-durable goods	344.05	338.12	330.50	336.94	336.02	340.34	341.75	342.47	345.71	347.77	351.35	356.21	357.70
Wholesale trade-nondurable goods	350.59	346.23	342.75	342.47	343.37	346.47	345.98	357.35	350.59	352.03	356.07	356.13	365.59
RETAIL TRADE[d]	156.93	151.50	148.78	154.21	155.33	157.72	158.47	160.62	160.08	159.72	158.66	155.87	159.72
General merchandise stores	171.40	155.67	152.99	165.31	167.62	173.70	173.08	181.04	175.76	176.41	176.11	171.69	185.05
Department stores	175.23	158.48	156.20	169.07	171.70	177.89	177.27	185.36	179.98	180.90	180.52	176.06	189.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	233.81	228.27	228.16	230.48	230.73	233.54	234.17	233.90	233.73	234.10	235.89	238.33	243.66
Credit agencies other than banks	228.70	229.05	222.51	222.92	224.11	225.71	226.42	230.07	232.96	233.53	235.91	235.19	235.43
Insurance carriers	307.11	303.08	304.93	304.58	305.92	304.90	306.36	307.55	307.56	308.39	310.26	309.45	312.36
SERVICES	......	......	......	......	......	......	......	......	......	......	......	......	......
Health services	......	......	......	......	......	......	......	......	......	......	......	......	......
Hospitals	307.13	302.39	299.16	301.50	303.06	304.42	306.22	310.19	311.22	315.22	312.22	311.20	312.31

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay-period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43716 4-4-86 RS-790-2-0 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4260.2	4107.8	4126.2	4150.5	4209.7	4263.3	4297.5	4272.6	4289.0	4330.3	4352.4	4361.8	4361.0
MANUFACTURING	1127.0	1096.9	1103.8	1113.1	1120.5	1127.1	1136.1	1135.0	1139.8	1141.9	1137.4	1137.2	1135.4
Durable Goods[b]	773.4	750.4	757.7	764.4	770.2	774.5	780.4	779.7	781.4	781.7	780.0	780.9	779.8
Lumber and wood products	15.7	13.8	14.3	14.9	15.2	15.8	16.4	16.3	16.7	16.6	16.6	16.2	15.9
Furniture and fixtures	15.2	14.8	15.1	15.1	15.3	14.7	15.4	15.4	15.3	15.5	15.5	15.6	15.1
Stone, clay, and glass products	52.5	50.6	50.3	51.2	52.0	52.9	53.7	53.6	54.1	53.7	53.3	52.8	51.9
Glass and glassware, pressed or blown	12.8	13.0	13.1	13.1	12.9	12.9	12.9	12.7	12.8	12.8	12.7	12.4	12.2
Primary metal industries	108.9	108.3	109.4	110.3	111.1	110.4	110.7	110.4	109.0	107.9	106.6	106.4	106.0
Blast furnace and basic steel products	52.1	53.0	53.7	53.7	54.1	54.2	54.1	53.5	52.0	49.8	49.1	48.9	48.3
Iron and steel foundries	22.1	21.7	22.0	22.3	22.4	21.5	21.7	22.2	22.2	22.7	22.3	22.1	22.3
Nonferrous rolling and drawing	18.8	18.7	18.7	18.6	18.8	18.7	18.8	18.7	18.6	19.0	18.8	19.0	19.0
Fabricated metal products	138.7	135.0	135.1	136.3	136.9	138.5	139.7	139.2	139.9	141.1	140.4	141.2	140.8
Cutlery, hand tools, and hardware	11.5	11.2	11.3	11.5	11.4	11.5	11.5	11.2	11.4	11.5	11.5	11.7	11.7
Fabricated structural metal products	28.5	27.7	27.1	27.2	27.6	28.0	28.6	28.9	29.2	29.4	29.6	29.5	29.0
Metal forgings and stampings	44.7	43.8	44.0	44.3	44.6	44.9	44.8	44.4	44.4	45.4	44.7	45.1	45.3
Machinery, except electrical	167.3	161.3	162.7	164.4	166.5	168.0	168.2	168.2	168.6	169.5	169.6	170.2	170.0
Construction and related machinery	16.5	16.3	16.2	16.2	16.4	16.6	16.7	16.6	16.6	16.5	16.6	16.7	16.4
Metalworking machinery	41.8	39.9	40.5	40.8	41.3	41.7	42.1	42.2	42.5	42.6	42.8	42.7	42.8
Special industry machinery	18.4	17.6	17.9	18.5	18.7	18.8	18.3	18.4	18.3	18.5	18.6	18.8	18.8
General industrial machinery	32.0	31.0	31.2	31.5	31.9	32.1	32.4	32.5	32.5	32.4	32.3	32.2	32.2
Office and computing machines	13.4	12.9	12.9	12.9	13.0	13.2	13.6	13.6	13.7	13.7	13.8	14.0	13.9
Refrigeration and service machinery	17.1	17.2	17.3	17.4	17.6	17.7	17.3	16.8	16.6	17.0	16.8	1[illegible].9	16.9
Electric and electronic equipment	93.1	90.7	91.6	92.2	92.2	92.1	92.9	94.2	94.6	95.2	94.4	[illegible].6	93.9
Electrical industrial apparatus	18.8	18.6	18.7	18.7	18.7	18.6	18.7	18.8	18.8	18.9	18.9	18.9	18.9
Household appliances	17.0	16.3	16.8	17.2	16.8	16.4	16.5	17.7	17.7	17.7	17.3	16.6	16.8
Electric lighting and wiring equipment	19.0	18.8	18.9	19.1	19.1	19.1	19.3	19.1	19.2	19.2	18.8	18.7	18.7
Communication equipment	11.2	10.7	10.7	10.6	10.9	11.0	11.2	11.3	11.4	11.6	11.6	11.6	11.6
Transportation equipment	144.9	140.4	143.5	144.2	144.6	145.3	146.3	144.7	145.3	143.9	145.9	146.9	148.2
Motor vehicles and equipment	97.5	94.4	97.5	97.7	98.0	98.4	99.0	97.5	97.3	95.6	97.3	97.9	98.7
Aircraft and parts	38.8	37.5	37.4	37.7	38.0	38.2	38.6	38.6	39.3	39.5	39.7	40.1	40.6
Instruments and related products	23.1	23.0	23.0	23.0	22.9	23.0	23.1	23.2	23.1	23.1	23.0	23.2	23.3
Measuring and controlling devices	12.4	12.3	12.4	12.4	12.3	12.3	12.3	12.5	12.5	12.5	12.4	12.6	12.7
Nondurable Goods[c]	353.6	346.5	346.1	348.7	350.4	352.6	355.7	355.4	358.3	360.3	357.4	356.3	355.5
Food and kindred products	62.8	61.8	61.0	61.3	61.6	62.0	63.2	63.5	65.1	66.4	63.6	62.3	62.2
Meat products	10.0	9.6	9.4	9.7	9.7	9.6	10.0	10.1	10.2	10.2	10.4	10.4	10.5
Dairy products	9.8	9.7	9.7	9.8	9.9	9.9	10.1	10.1	10.0	9.9	9.7	9.6	9.4
Preserved fruits and vegetables	10.7	10.3	10.1	9.8	10.1	10.2	10.2	10.3	11.9	13.6	11.0	10.2	10.4
Bakery products	8.6	8.5	8.4	8.6	8.6	8.7	8.8	8.9	8.9	8.7	8.5	8.5	8.4
Beverages	10.1	10.1	10.0	10.0	10.0	10.2	10.5	10.6	10.4	10.1	9.9	9.8	9.9
Apparel and other textile products	17.2	16.8	16.7	17.0	17.2	17.3	17.4	16.9	17.1	17.3	17.5	17.6	17.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	36.8	36.0	36.0	36.3	36.3	36.6	36.8	36.7	37.3	37.5	37.3	37.3	37.2
Misc. converted paper products	12.2	11.9	12.0	12.2	12.0	12.1	12.2	12.3	12.4	12.5	12.4	12.3	12.3
Paperboard containers and boxes	12.1	11.8	11.7	11.8	12.0	12.1	12.0	12.1	12.2	12.3	12.3	12.3	12.3
Printing and publishing	65.1	63.8	63.7	64.1	64.3	64.6	65.0	65.2	65.5	65.5	66.1	66.6	66.7
Newspapers	18.1	17.9	17.9	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.3	18.4
Commercial printing	24.1	23.3	23.3	23.4	23.7	23.9	23.9	24.0	24.3	24.5	24.9	25.1	25.1
Chemicals and allied products	62.7	62.0	61.9	62.2	62.5	63.1	63.7	63.5	63.3	63.1	62.7	62.4	62.4
Industrial inorganic chemicals	10.8	10.7	10.7	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.8	10.8	10.9
Rubber and misc. plastics products	90.8	88.2	88.6	89.5	90.7	90.9	91.3	91.2	91.5	92.0	91.9	92.1	91.7
Tires and inner tubes	20.3	20.2	20.2	20.2	20.3	20.2	20.3	20.4	20.3	20.3	20.4	20.3	20.4
Miscellaneous plastics products	49.6	47.5	47.7	48.5	49.1	49.3	49.6	49.7	50.0	50.8	50.7	50.9	50.7
NONMANUFACTURING	3133.1	3010.9	3022.4	3037.4	3089.1	3136.2	3161.4	3137.6	3149.2	3188.4	3215.0	3224.5	3225.6
MINING	27.8	27.0	26.7	26.7	27.0	27.8	28.4	29.1	28.9	28.7	28.4	27.9	27.3
Bituminous coal and lignite mining	11.7	11.8	11.7	11.7	11.9	11.9	12.1	12.3	12.0	12.0	11.6	11.1	10.8
Oil and gas extraction	11.7	11.5	11.5	11.1	10.9	11.3	11.6	11.9	12.0	11.8	12.0	12.1	12.0
CONSTRUCTION	144.8	118.0	116.2	117.3	130.6	141.9	152.8	159.9	164.2	163.5	166.1	158.6	148.7
General building contractors	35.9	30.0	29.8	30.0	32.9	35.1	37.9	39.3	40.0	40.5	40.3	38.5	36.9
Heavy construction contractors	20.2	14.5	12.8	13.1	16.5	20.1	22.9	24.0	25.6	25.3	26.2	22.7	18.8
Highway and street construction	8.4	4.0	3.9	4.3	6.3	8.9	10.6	11.1	11.9	11.9	11.3	9.7	7.1
Special trade contractors	88.7	73.5	73.5	74.3	81.2	86.7	92.0	96.6	98.5	97.7	99.7	97.4	93.1
TRANSPORTATION AND PUBLIC UTILITIES	203.9	199.5	200.3	201.6	203.4	205.4	206.3	205.8	206.1	205.5	205.5	203.9	203.7
Railroad transportation	18.6	17.4	17.8	17.8	18.5	19.2	19.3	19.5	19.3	19.1	19.0	18.3	17.7
Transportation, except railroads	93.2	88.0	89.0	98.3	91.7	93.1	94.1	94.3	95.1	95.2	95.8	95.6	96.1
Trucking and warehousing	67.5	63.7	64.9	65.8	66.5	67.3	67.9	68.1	68.8	68.8	69.3	69.3	70.0
Communication, electric, gas services ...	92.1	94.1	93.6	93.5	93.2	93.1	92.9	92.0	91.7	91.2	90.7	90.0	89.9
Communication	52.1	54.0	53.8	53.8	53.4	53.2	52.7	51.5	51.3	51.0	50.7	50.0	49.7
Electric, gas, and sanitary services ..	40.1	40.1	39.8	39.7	39.8	39.9	40.2	40.4	40.4	40.1	40.0	40.0	40.1
WHOLESALE TRADE	236.7	227.7	228.8	230.5	233.3	235.4	238.9	239.7	240.5	240.3	240.9	241.9	242.5
Wholesale trade-durable goods	150.1	144.2	145.1	146.3	147.7	149.0	151.3	152.3	152.8	152.5	153.1	153.5	153.8
Motor vehicles & automotive equipment .	22.1	20.9	21.1	21.4	21.6	21.8	22.1	22.5	22.5	22.5	22.8	22.9	23.0
Electrical goods	20.2	19.7	19.8	19.9	19.9	20.1	20.3	20.3	20.3	20.4	20.3	20.5	20.5
Machinery, equipment, and supplies	62.3	60.0	60.2	60.7	61.3	61.7	62.6	63.0	63.3	63.2	63.7	64.1	64.3
Wholesale trade-nondurable goods	86.6	83.5	83.7	84.1	85.7	86.4	87.7	87.4	87.7	87.7	87.9	88.4	88.7
Groceries and related products	26.8	26.1	26.2	26.2	26.7	26.8	27.1	27.0	27.1	27.2	26.8	27.0	27.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	748.0	714.1	705.5	711.2	728.1	741.5	750.5	754.4	760.9	764.5	767.2	782.6	795.8
General merchandise stores	114.6	115.7	109.7	108.8	108.8	108.4	110.6	110.8	111.6	114.4	117.1	126.1	131.8
Department stores	105.2	106.6	100.8	99.8	99.8	100.2	101.4	101.3	102.2	105.0	107.5	116.1	121.3
Food stores	120.4	118.0	117.1	117.4	119.5	120.1	120.3	120.3	120.8	121.4	121.9	122.9	125.0
Automobile dealers and service stations	81.9	77.7	78.3	79.2	80.6	81.9	83.1	84.1	84.3	83.7	83.5	83.0	83.0
Apparel and accessory stores	35.1	34.5	33.6	33.7	34.2	34.4	34.6	34.5	35.2	35.0	35.8	37.2	38.6
Eating and drinking places	257.9	237.7	237.7	242.1	251.3	259.1	263.3	266.2	269.4	269.4	265.7	265.9	266.9
FINANCE, INSURANCE, AND REAL ESTATE	211.5	207.0	207.7	208.1	209.2	210.5	213.6	214.2	214.3	213.6	212.7	213.4	214.2
Banking	58.1	58.3	58.1	57.8	57.5	57.5	58.1	58.3	58.5	58.5	57.9	58.2	58.4
Credit agencies other than banks	33.0	32.1	32.3	32.5	32.7	32.8	33.3	33.3	33.5	33.4	33.3	33.5	33.7
Insurance carriers	57.6	57.1	57.3	57.4	57.4	57.6	58.0	57.9	57.9	58.0	57.5	57.6	57.8
Life insurance	21.9	21.8	21.8	21.7	21.9	22.0	22.1	21.9	22.0	22.1	21.9	21.9	22.0
Fire, marine, and casualty insurance	27.3	27.2	27.3	27.4	27.3	27.3	27.5	27.6	27.6	27.4	27.1	27.1	27.2
SERVICES	905.2	865.9	872.1	876.7	892.8	907.1	919.2	918.2	921.7	925.8	923.6	921.2	917.9
Hotels and other lodging places	31.0	28.9	29.1	29.4	29.8	31.0	32.6	33.4	33.6	32.4	31.1	30.8	30.4
Personal services	48.8	48.4	48.5	48.7	49.4	47.9	48.4	47.9	48.3	48.6	49.7	49.9	50.1
Laundry, cleaning, & garment services	17.0	16.4	16.3	16.4	16.6	16.9	17.1	17.0	17.0	17.1	17.6	17.6	17.6
Business services	152.5	136.5	139.7	141.5	145.9	148.2	151.7	156.1	159.1	160.3	162.3	162.5	163.6
Services to buildings	23.6	22.1	22.1	22.5	22.8	23.1	23.7	23.6	24.0	24.3	25.1	25.1	25.2
Computer and data processing services	13.0	12.2	12.4	12.5	12.6	12.6	12.8	13.2	13.4	13.4	13.6	13.8	13.9
Amusement and recreation services	37.9	26.8	26.8	26.6	33.8	42.9	48.7	50.5	51.0	46.3	35.5	32.8	31.4
Health services	322.1	318.9	319.1	319.4	319.5	320.6	323.7	323.6	323.8	324.2	323.7	324.0	324.6
Nursing and personal care facilities	67.3	64.6	64.9	65.2	65.7	66.5	67.5	68.3	68.8	69.0	68.9	69.1	69.2
Hospitals	168.3	170.9	170.7	170.0	169.1	168.6	169.5	168.1	167.4	167.4	166.3	166.1	165.8
Educational services	58.3	58.2	62.2	61.1	61.7	60.6	55.7	48.0	47.2	56.7	62.7	63.5	61.8
Colleges and universities	32.7	32.1	35.8	35.0	35.5	34.3	30.1	25.5	25.1	31.5	36.3	36.7	34.7
GOVERNMENT	655.2	651.9	665.1	665.3	664.7	666.7	651.6	616.4	612.6	646.5	670.5	675.1	675.6
Federal government	89.4	88.5	88.6	88.9	88.4	88.5	89.9	90.0	90.0	89.5	89.5	90.6	90.5
State government	140.5	137.1	146.1	147.2	145.8	145.3	139.1	123.5	123.8	134.4	147.2	148.1	148.6
State government education[d]	71.4	68.3	77.2	78.6	77.0	77.0	68.5	52.9	53.3	65.4	78.9	79.8	79.7
State government, except education	69.1	68.9	68.9	68.6	68.8	68.3	70.5	70.6	70.6	69.0	68.3	68.3	68.9
Local government	425.2	426.3	430.4	429.2	430.5	432.9	422.5	402.9	398.8	422.5	433.8	436.4	436.1
Local government education	241.7	246.4	250.9	250.6	250.7	251.2	234.1	210.2	208.1	238.6	250.9	254.6	254.5
Local government, except education	183.5	179.9	179.5	178.7	179.8	181.7	188.5	192.7	190.7	183.9	182.9	181.8	181.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-0 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4092.5	3963.2	3961.6	3994.6	4039.6	4084.2	4110.4	4101.8	4096.0	4177.3	4184.7	4198.0	4199.0
MANUFACTURING	1066.0	1028.9	1030.4	1038.8	1047.0	1054.0	1063.0	1065.8	1076.6	1093.2	1095.9	1100.3	1098.6
Durable Goods[b]	723.6	694.9	695.5	702.8	710.0	715.8	721.2	722.5	730.4	741.5	746.9	752.2	749.9
Lumber and wood products	13.9	12.1	12.2	12.7	13.2	13.7	14.1	14.6	14.9	15.1	15.2	15.0	14.7
Furniture and fixtures	13.7	12.5	12.6	12.9	13.2	13.4	13.7	13.9	14.3	14.6	14.4	14.6	14.7
Stone, clay, and glass products	52.1	50.0	49.7	50.2	51.6	52.1	53.1	52.6	53.8	53.9	53.3	53.3	52.0
Glass and glassware, pressed or blown.	13.5	13.7	13.8	13.8	13.8	13.6	13.7	13.2	13.6	13.7	13.5	13.3	12.7
Primary metal industries	104.1	98.2	99.5	102.7	103.1	103.4	103.5	103.3	105.1	106.5	107.0	108.4	108.2
Blast furnace and basic steel products	51.7	48.1	48.8	52.1	51.9	52.0	51.6	51.7	52.7	52.0	52.2	53.5	53.2
Iron and steel foundries	20.4	20.0	19.9	19.7	20.0	19.9	19.9	19.7	20.3	21.1	21.0	21.2	21.3
Nonferrous rolling and drawing	18.1	17.0	17.5	17.5	17.7	17.8	18.2	18.2	18.1	18.7	18.9	18.7	18.7
Fabricated metal products	129.7	124.6	126.2	126.4	127.4	128.0	129.1	128.9	130.5	132.9	133.6	134.7	134.6
Cutlery, handtools, and hardware	11.0	10.3	10.6	10.8	10.8	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2
Fabricated structural metal products .	28.6	28.3	27.8	28.2	28.5	28.2	28.4	28.9	29.4	29.4	28.6	28.6	28.5
Metal forgings and stampings	39.2	35.5	37.1	37.3	37.7	38.4	38.9	38.2	38.7	40.3	41.9	42.8	43.2
Machinery, except electrical	154.3	154.0	151.4	151.1	151.7	152.6	152.3	153.6	154.2	156.8	156.8	157.9	157.3
Construction and related machinery ...	16.8	17.0	16.5	16.3	16.4	16.9	17.2	17.3	17.4	17.5	17.0	16.5	16.2
Metalworking machinery	38.8	40.2	38.8	38.6	38.5	38.1	38.3	38.7	38.5	38.6	38.6	39.0	39.5
Special industry machinery	16.5	16.3	16.0	15.8	15.9	16.0	16.1	16.6	16.7	17.0	17.0	17.3	17.5
General industrial machinery	29.5	29.1	28.8	28.5	28.5	29.0	29.5	29.7	29.7	30.0	30.1	30.3	30.7
Office and computing machines	12.4	12.3	12.2	12.2	12.2	12.2	12.4	12.1	12.7	12.6	12.5	12.7	12.8
Refrigeration and service machinery ..	15.7	15.0	15.0	15.3	15.7	15.9	14.9	15.4	15.5	16.1	16.3	16.5	16.8
Electric and electronic equipment	89.4	89.0	88.3	88.0	89.2	89.1	89.3	89.3	89.6	90.2	90.5	90.5	89.9
Electrical industrial apparatus	18.6	18.8	18.8	18.9	18.6	18.6	18.6	18.4	18.4	18.6	18.5	18.4	18.4
Household appliances	16.1	15.0	15.5	15.0	15.6	15.7	15.9	16.6	16.8	16.9	17.0	16.7	16.4
Electric lighting and wiring equipment	18.1	17.8	17.8	17.9	17.9	18.0	18.1	18.0	18.2	18.5	18.4	18.6	18.7
Communication equipment	10.3	10.2	10.1	10.1	10.1	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.7
Transportation equipment	132.1	122.7	123.6	126.3	127.8	130.2	132.2	131.9	133.1	135.8	140.0	141.7	140.1
Motor vehicles and equipment	87.4	79.2	80.2	82.5	83.5	85.7	87.2	87.0	88.1	90.2	94.7	96.4	94.3
Aircraft and parts	36.5	35.7	35.6	35.6	35.9	36.1	36.7	36.8	36.8	37.2	36.9	36.9	37.3
Instruments and related products	21.2	19.8	19.8	19.7	20.0	20.3	20.8	21.2	21.7	22.2	22.6	22.8	23.0
Measuring and controlling devices	11.9	11.7	11.6	11.6	11.7	11.8	11.8	11.9	12.0	12.1	12.3	12.3	12.4
Nondurable Goods[c]	342.4	334.0	334.8	336.0	337.1	338.2	341.9	343.3	346.2	351.7	349.0	348.1	348.8
Food and kindred products	63.4	62.5	62.2	62.5	62.2	62.2	63.7	63.3	64.4	67.3	64.3	62.9	63.0
Meat products	9.6	9.4	9.4	9.5	9.7	9.6	9.8	9.8	9.5	9.6	9.6	9.8	9.9
Dairy products	10.1	10.1	10.0	10.0	10.1	10.1	10.2	10.2	10.3	10.1	10.1	9.7	9.7
Preserved fruits and vegetables	10.3	9.3	9.2	9.3	9.1	9.4	9.9	10.2	11.3	13.9	11.3	10.4	10.4
Bakery products	9.5	9.6	9.6	9.6	9.8	9.8	9.9	9.5	9.4	9.5	9.1	8.9	8.8
Beverages	10.4	10.4	10.3	10.4	10.3	10.1	10.6	10.5	10.7	10.6	10.3	10.3	10.3

See footnotes at end of table.

RS-790-1-0 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
Apparel and other textile products	16.3	15.6	15.6	15.8	15.9	16.1	16.4	16.4	16.5	16.9	16.9	16.8	16.7
Paper and allied products	35.0	34.6	34.5	34.5	34.4	34.4	34.8	35.1	35.2	35.8	35.5	35.6	35.7
Misc. converted paper products	11.4	11.1	11.1	11.2	11.3	11.2	11.3	11.5	11.7	11.7	11.5	11.6	11.6
Paperboard containers and boxes	11.5	11.3	11.3	11.2	11.2	11.3	11.6	11.5	11.5	11.7	11.8	11.7	11.7
Printing and publishing	62.8	61.7	62.1	62.5	62.4	62.4	62.6	62.4	62.8	63.2	63.5	64.0	64.3
Newspapers	17.9	17.9	17.9	17.9	17.8	17.9	17.8	17.8	17.9	18.0	18.0	18.1	18.1
Commercial printing	22.8	22.5	22.7	22.8	22.8	22.8	22.8	22.4	22.5	22.8	23.1	23.3	23.5
Chemicals and allied products	63.4	64.0	63.8	63.7	63.7	63.7	63.7	63.4	63.5	63.1	62.8	62.6	62.7
Industrial inorganic chemicals	11.3	12.0	12.0	11.7	11.7	11.5	11.3	11.1	11.2	11.[illegible]	11.0	10.9	10.8
Rubber and misc. plastics products	82.7	77.1	78.2	78.7	79.9	80.7	81.7	83.4	84.5	86.2	86.9	87.4	87.7
Tires and inner tubes	20.2	20.3	20.2	20.2	20.2	20.2	20.1	20.3	20.3	20.2	20.4	20.3	20.2
Miscellaneous plastics products	43.2	38.8	39.5	39.7	41.0	41.8	42.6	43.8	44.5	46.0	46.6	46.9	47.3
NONMANUFACTURING	3026.5	2934.4	2931.3	2955.8	2992.6	3030.2	3047.4	3036.1	3019.4	3084.1	3088.9	3097.6	3100.4
MINING	26.6	26.6	25.4	25.0	25.1	25.5	26.9	27.2	27.2	27.3	27.5	27.6	27.3
Bituminous coal and lignite mining	11.1	11.1	10.7	10.2	10.3	10.4	11.5	11.5	11.4	11.5	11.6	11.7	11.6
Oil and gas extraction	11.2	12.0	11.3	11.0	10.7	10.7	10.9	11.1	11.2	11.2	11.4	11.5	11.6
CONSTRUCTION	130.8	107.3	103.6	109.3	116.0	126.4	135.6	144.1	147.5	148.6	149.3	145.6	135.9
General building contractors	32.0	26.5	25.6	27.0	28.7	30.8	32.9	35.2	35.8	36.0	35.8	35.2	34.0
Heavy construction contractors	19.5	14.0	13.2	14.4	16.1	19.2	21.6	22.5	23.5	23.6	24.1	22.7	18.7
Highway and street construction	7.5	3.8	3.5	4.1	5.6	7.9	9.3	9.8	10.2	10.2	10.2	9.3	6.6
Special trade contractors	79.3	66.8	64.8	67.9	71.2	76.3	81.2	86.4	88.2	89.0	89.4	87.6	83.2
TRANSPORTATION AND PUBLIC UTILITIES	198.5	194.3	193.5	194.7	196.9	199.2	201.6	202.2	186.1	203.2	203.6	203.0	203.4
Railroad transportation	18.9	18.6	18.0	18.2	18.7	19.3	19.4	19.7	19.2	19.3	19.3	19.0	18.6
Transportation, except railroads	86.4	80.6	81.0	82.1	83.8	85.5	87.2	87.9	88.3	89.7	89.9	89.5	90.8
Trucking and warehousing	62.7	58.5	59.0	59.8	60.6	61.6	63.0	63.5	64.0	64.9	65.0	65.4	66.6
Communication, electric, gas services ..	93.2	95.1	94.6	94.4	94.4	94.5	95.0	94.7	78.6	94.2	94.5	94.4	93.9
Communication	52.8	54.4	54.2	54.1	54.1	54.1	54.3	53.9	37.9*	53.9	54.4	54.4	53.8
Electric, gas, and sanitary services .	40.4	40.7	40.3	40.2	40.2	40.4	40.7	40.8	40.7	40.3	40.1	40.0	40.1
WHOLESALE TRADE	222.5	216.5	215.6	216.7	218.6	220.1	222.4	224.6	225.7	226.1	227.0	227.8	229.1
Wholesale trade-durable goods	139.7	135.8	135.2	135.8	137.0	137.6	139.1	140.9	141.6	142.2	142.9	143.9	144.7
Motor vehicles & automotive equipment.	20.6	20.1	19.9	19.9	20.1	20.2	20.5	20.9	20.9	20.9	21.1	21.1	21.1
Electrical goods	18.9	18.5	18.3	18.5	18.4	18.5	18.7	18.8	19.0	19.1	19.3	19.6	19.8
Machinery, equipment, and supplies ...	58.3	57.2	57.0	57.1	57.5	57.7	58.0	58.7	58.9	59.1	59.2	59.5	60.0
Wholesale trade-nondurable goods	82.8	80.7	80.4	80.9	81.6	82.5	83.3	83.8	84.0	83.9	84.1	84.0	84.4
Groceries and related products	25.8	25.2	25.1	25.2	25.4	25.7	26.1	26.1	26.1	26.2	26.2	26.3	26.3
RETAIL TRADE	711.0	682.5	670.1	677.1	694.6	706.2	713.5	719.2	723.9	728.5	726.9	737.6	751.8
General merchandise stores	111.6	113.4	106.2	106.1	107.2	107.7	108.1	107.9	108.3	110.8	113.3	121.4	128.6
Department stores	102.7	104.6	97.6	97.5	98.4	98.8	99.2	99.1	99.6	102.0	104.4	112.3	119.0
Food stores	117.2	114.6	113.6	113.4	115.1	116.5	117.0	118.1	118.0	119.2	118.8	120.4	122.1
Automobile dealers & service stations ..	76.2	73.4	72.8	73.7	74.7	75.2	76.2	77.6	78.5	78.5	78.0	77.7	77.6
Apparel and accessory stores	33.9	33.6	32.5	32.6	32.9	33.2	33.3	33.2	33.9	34.0	34.6	35.6	37.5
Eating and drinking places	242.7	224.0	222.9	227.9	238.5	245.3	249.8	252.4	254.5	254.4	248.5	246.7	247.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1983[a] (Continued)
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	207.8	205.4	205.3	206.0	206.9	207.9	210.0	210.7	210.5	209.0	207.4	206.9	207.4
Banking	58.5	58.8	58.7	58.4	58.3	58.4	58.8	58.9	58.8	58.4	58.1	58.1	58.1
Credit agencies other than banks	31.3	30.1	30.4	30.6	30.9	31.1	31.6	31.7	31.8	31.8	31.7	31.9	32.2
Insurance carriers	58.1	59.0	58.9	58.9	58.7	58.6	58.6	58.2	57.9	57.4	57.2	56.9	56.9
Life insurance	23.0	23.7	23.5	23.6	23.5	23.4	23.3	22.9	22.8	22.6	22.4	22.3	22.1
Fire, marine, and casualty insurance .	27.2	27.7	27.7	27.6	27.4	27.4	27.5	27.3	27.0	26.8	26.7	26.5	26.6
SERVICES	873.3	843.5	849.2	856.0	867.2	874.5	884.1	885.8	884.2	893.3	883.8	881.3	877.2
Hotels and other lodging places	29.4	27.0	27.0	27.4	28.0	29.4	30.7	31.5	31.8	30.9	30.0	29.6	29.5
Personal services	46.7	47.0	46.9	47.2	47.4	45.8	46.0	46.0	45.9	46.9	46.9	47.0	47.2
Laundry, cleaning, & garment services.	16.5	16.0	16.0	16.1	16.4	16.6	16.7	16.6	16.5	16.7	16.7	16.7	16.6
Business services	130.5	120.6	121.9	123.4	125.4	127.4	129.9	133.7	135.3	137.2	136.8	136.7	137.8
Services to buildings	21.8	20.8	20.8	21.0	21.8	22.0	22.1	22.1	22.3	22.4	22.2	22.2	22.4
Computer and data processing services.	11.4	10.8	10.8	10.9	11.0	11.1	11.3	11.5	11.6	11.7	11.8	11.9	11.9
Amusement and recreation services	37.4	27.0	27.0	28.3	35.2	41.8	47.7	49.5	49.3	46.3	34.4	30.9	30.8
Health services	319.0	315.4	314.8	315.7	316.2	316.8	319.3	322.4	322.7	322.3	320.8	320.7	320.7
Nursing and personal care facilities .	63.6	62.1	62.1	62.1	62.5	62.8	63.5	64.3	64.7	64.5	64.5	64.8	65.1
Hospitals	174.2	174.3	173.8	173.9	174.0	173.9	174.8	175.8	175.6	174.9	173.7	172.9	172.1
Educational services	57.7	59.2	63.8	63.5	62.0	59.1	53.5	45.4	43.4	55.5	61.8	64.5	60.7
Colleges and universities	31.4	32.0	35.9	35.4	34.4	31.4	26.8	22.8	21.4	30.4	35.2	37.0	33.9
GOVERNMENT	656.1	658.2	668.5	671.0	667.3	670.5	653.3	622.2	614.4	648.1	663.4	667.8	668.2
Federal government	88.6	88.1	87.7	88.0	88.0	88.1	88.7	89.9	89.3	88.8	88.3	88.9	89.1
State government	140.1	141.0	146.1	146.8	146.7	145.2	135.3	124.3	122.5	135.5	145.1	146.0	147.0
State government education[d]	69.8	70.1	75.3	76.2	76.3	75.0	63.8	52.5	51.0	65.7	76.3	77.4	77.8
State government, except education ...	70.4	70.9	70.7	70.6	70.4	70.2	71.5	71.9	71.4	69.9	68.8	68.6	69.3
Local government	427.3	429.1	434.7	436.1	432.6	437.1	429.3	408.0	402.7	423.8	430.0	432.8	432.0
Local government education	243.1	249.8	256.1	256.7	252.9	254.6	239.0	210.4	207.4	238.7	246.8	252.2	251.1
Local government, except education ...	184.2	179.3	178.6	179.5	179.7	182.5	190.3	197.7	195.3	185.1	181.2	180.6	180.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classification are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-0 (1983)

The Ohio Labor Force, 1985

—Richard S. Warman, Chief
Labor Force Reports

Each month, the U.S. Bureau of the Census conducts a national household survey, the Current Population Survey (CPS), which the U.S. Bureau of Labor Statistics uses to measure the nation's employment and unemployment. Statewide labor force estimates for Ohio and ten other large states are derived directly from the CPS.

According to CPS data (see attached table), the Ohio civilian labor force averaged 5,130,000 in 1985, comprising 4,675,000 employed and 455,000 unemployed. The unemployment rate was 8.9 percent, down from 9.4 percent in 1984.

For men, the unemployment rate was 9.2 percent, compared to 8.5 percent for women. Contrary to the norm in earlier years, men have had higher unemployment rates than women since 1980, when Ohio entered an extended period of economic recession. Industries with predominantly male work forces—construction, manufacturing, and transportation and public utilities—were hard hit and, despite recent gains, have not returned to pre-1980 employment levels. On the other hand, the two industries with the highest proportion of female employees—services and finance, insurance, and real estate—added workers even during the recessions of the early 1980's.

Unemployment rates were highest for young workers (16-24)—17.6 percent for men and 14.1 percent for women. For prime-age workers (25-54), the rates were 7.8 percent for men and 7.4 percent for women. Older workers (55 and over) had the lowest rates and only in this age group was the female rate higher—4.4 percent versus 3.4 for men.

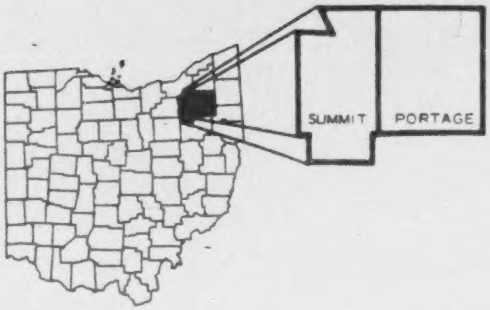
Last year, the nonwhite unemployment rate (17.8 percent) was more than double the rate for white workers (7.9 percent). White men had an unemployment rate of 8.2 percent, compared to 19.4 percent for nonwhite men. Among women, the gap was somewhat smaller, with rates of 7.4 and 16.3 percent for white and nonwhite women, respectively. The result was that nonwhites (both sexes) made up 10.1 percent of the labor force, but 20.2 percent of the unemployed. Women comprised 43.6 percent of the labor force and 41.8 percent of the unemployed.

Later this year, the Ohio Bureau of Employment Services will provide additional labor force information in its publication, "Ohio at Work: A Chartbook For 1985."

Employment Status of the Civilian Labor Force
By Sex, Age Group, and Race, Ohio, 1985

Characteristic	Civilian Labor Force	Employed	Unemployed	Unemployment Rate (Percent)
Total, age 16 and over	5,130,000	4,675,000	455,000	8.9
Men, total	2,892,000	2,628,000	265,000	9.2
Young Men (16-24)	579,000	476,000	102,000	17.6
Prime-Age Men (25-54)	1,906,000	1,757,000	148,000	7.8
Older Men (55 and over)	408,000	394,000	14,000	3.4
Women, total	2,237,000	2,047,000	190,000	8.5
Young Women (16-24)	510,000	439,000	72,000	14.1
Prime-Age Women (25-54)	1,458,000	1,350,000	108,000	7.4
Older Women (55 and over)	270,000	258,000	12,000	4.4
White, total	4,613,000	4,251,000	363,000	7.9
White Men	2,640,000	2,423,000	216,000	8.2
White Women	1,974,000	1,827,000	147,000	7.4
Nonwhite, total	517,000	424,000	92,000	17.8
Nonwhite Men	252,000	205,000	49,000	19.4
Nonwhite Women	263,000	220,000	43,000	16.3

AKRON
PRIMARY METROPOLITAN STATISTICAL AREA

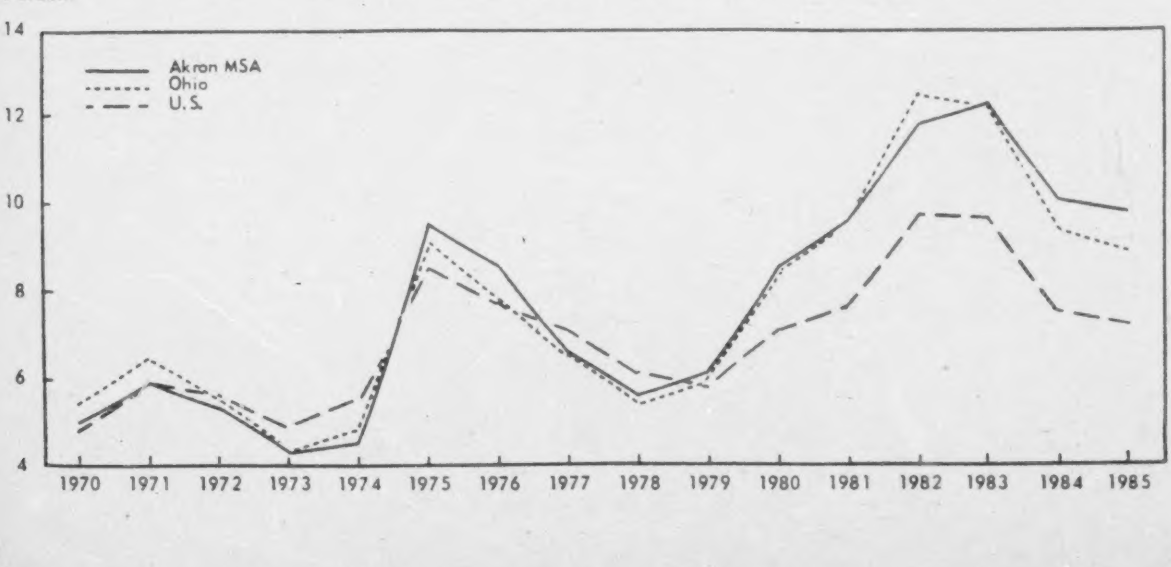


In the Akron metropolitan area, the 1985 estimated annual average civilian labor force, based on place of residence, was virtually unchanged from 1984, at 316,400. A rise in total employment of 2,700 was recorded over the year, while unemployment showed a decrease of 2,800, to a 1985 level of 27,800. The unemployment rate declined from 9.7 percent in 1984, to 8.8 percent in 1985 (see table, page 39).

Nonagricultural wage and salary employment in the Akron area increased 2.4 percent, from 252,200 in 1984 to 258,300 in 1985. Since the 1979-1983 economic downturns, the rubber and miscellaneous plastics products industry has shown signs of improvement. However, the expansion occurred in plastics products, rather than tires and inner tubes; rubber industry employment continues to decline gradually. Fabricated metals and nonelectrical machinery have shown small gains over the last year in the Akron area. Moderate increases in retail trade, services, and government have helped offset the losses in some manufacturing industries (see table, page 39).

The major growth sector in the Akron metropolitan area since the 1979-1983 recession period has been retail trade, with a net gain of 3,900 jobs from 1983 to 1985. More than 2,300 jobs were added in services. Most major industries in the area reflect a slight but steady recovery (see table, page 39).

AKRON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Akron Primary Metropolitan Statistical Area [a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate [b]		
				Akron	Ohio	U.S.
1970	276.4	262.5	13.8	5.0	5.4	4.9
1971	277.7	261.3	16.3	5.9	6.5	5.9
1972	282.2	267.3	14.8	5.3	5.5	5.6
1973	287.1	274.9	12.2	4.3	4.3	4.9
1974	290.8	277.7	13.0	4.5	4.8	5.6
1975	292.0	264.3	27.7	9.5	9.1	8.5
1976	291.3	266.3	25.0	8.6	7.8	7.7
1977	294.2	274.7	19.5	6.6	6.5	7.1
1978	298.9	282.2	16.7	5.6	5.4	6.1
1979	303.8	285.4	18.4	6.1	5.9	5.8
1980	304.5	278.3	26.2	8.6	8.4	7.1
1981	304.1	274.9	29.1	9.6	9.6	7.6
1982	303.9	268.0	35.9	11.8	12.5	9.7
1983	302.5	265.2	37.3	12.3	12.2	9.6
1984	316.5	285.8	30.6	9.7	9.4	7.5
1985	316.4	288.5	27.9	8.8	8.9	7.2

[a] These data are estimates based on place of residence.

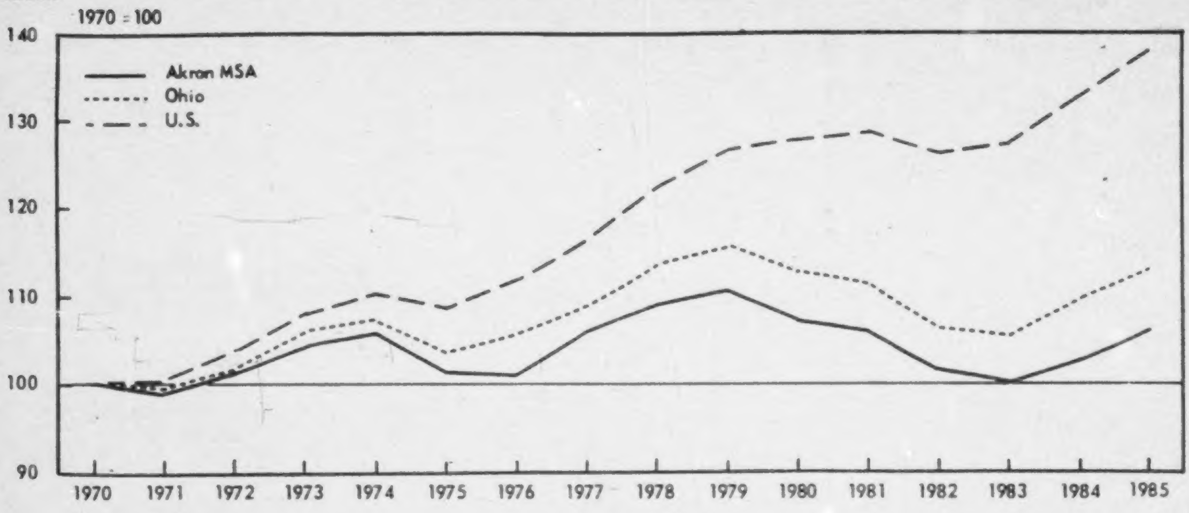
[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE AKRON METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

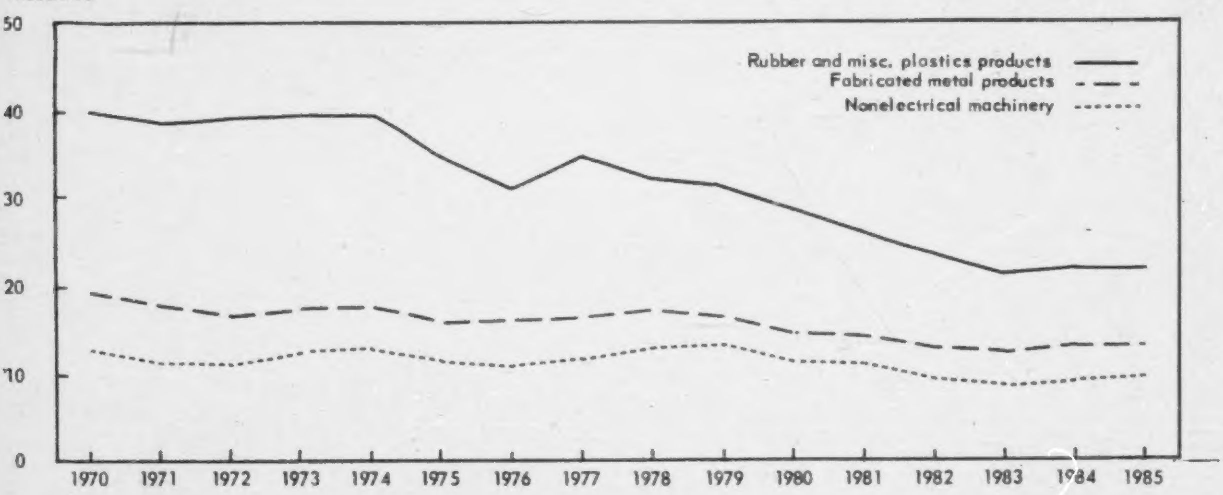
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Akron	Ohio
TOTAL	270.9	244.7	258.3	-26.2	13.6	51.9	72.9
MANUFACTURING	85.6	65.2	67.9	-20.4	2.7	13.2	18.1
Durable Goods	41.8	32.7	35.4	-9.1	2.7	29.7	17.7
Fabricated metal products	16.3	12.3	13.0	-4.0	0.7	17.5	20.1
Machinery, except electrical	13.0	8.5	9.5	-4.5	1.0	22.2	17.2
Nondurable Goods	43.9	32.5	32.5	-11.4	0.0	0.0	19.5
Rubber and misc. plastics products	31.6	21.6	21.9	-10.0	0.3	3.0	34.6
Tires and inner tubes	24.7	15.5	15.2	-9.2	-0.3	-	-
CONSTRUCTION	9.2	6.9	8.3	-2.3	1.4	60.9	44.7
TRANSPORTATION AND PUBLIC UTILITIES	15.2	12.5	12.8	-2.7	0.3	11.1	11.9
WHOLESALE TRADE	11.9	11.9	13.4	0.0	1.5	+	233.0
RETAIL TRADE	46.2	45.3	49.2	-0.9	3.9	433.3	251.0
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.1	9.6	-0.3	0.5	166.7	+
SERVICES	49.7	52.3	54.6	2.6	2.3	+	+
GOVERNMENT	43.2	40.7	41.7	-2.5	1.0	40.0	48.0
State government	12.4	13.1	13.8	0.7	0.7	+	+
Local government	28.7	25.5	25.7	-3.2	0.2	6.3	16.1

+ No downturn, 1979-1983
- No upturn, 1983-1985

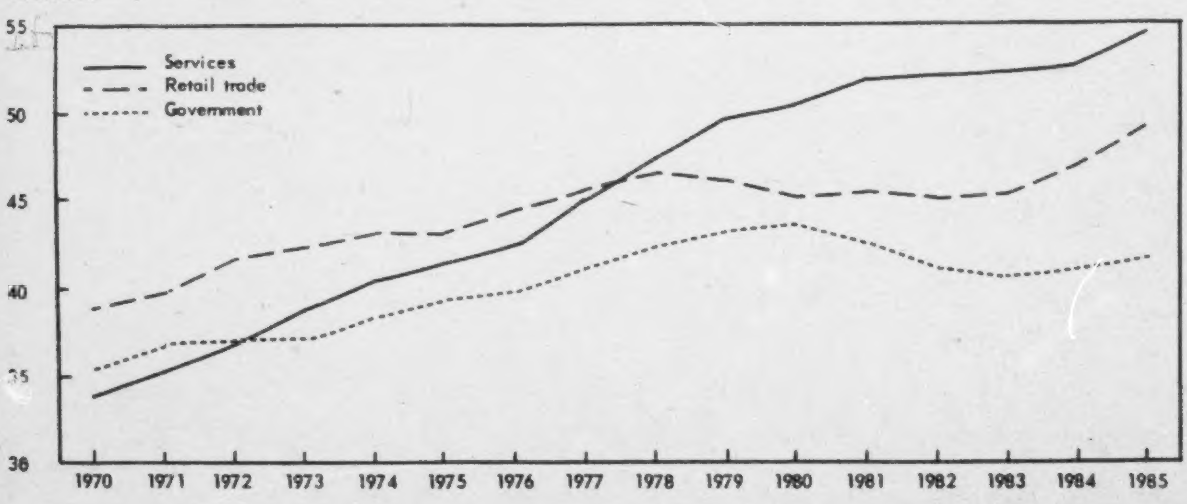
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

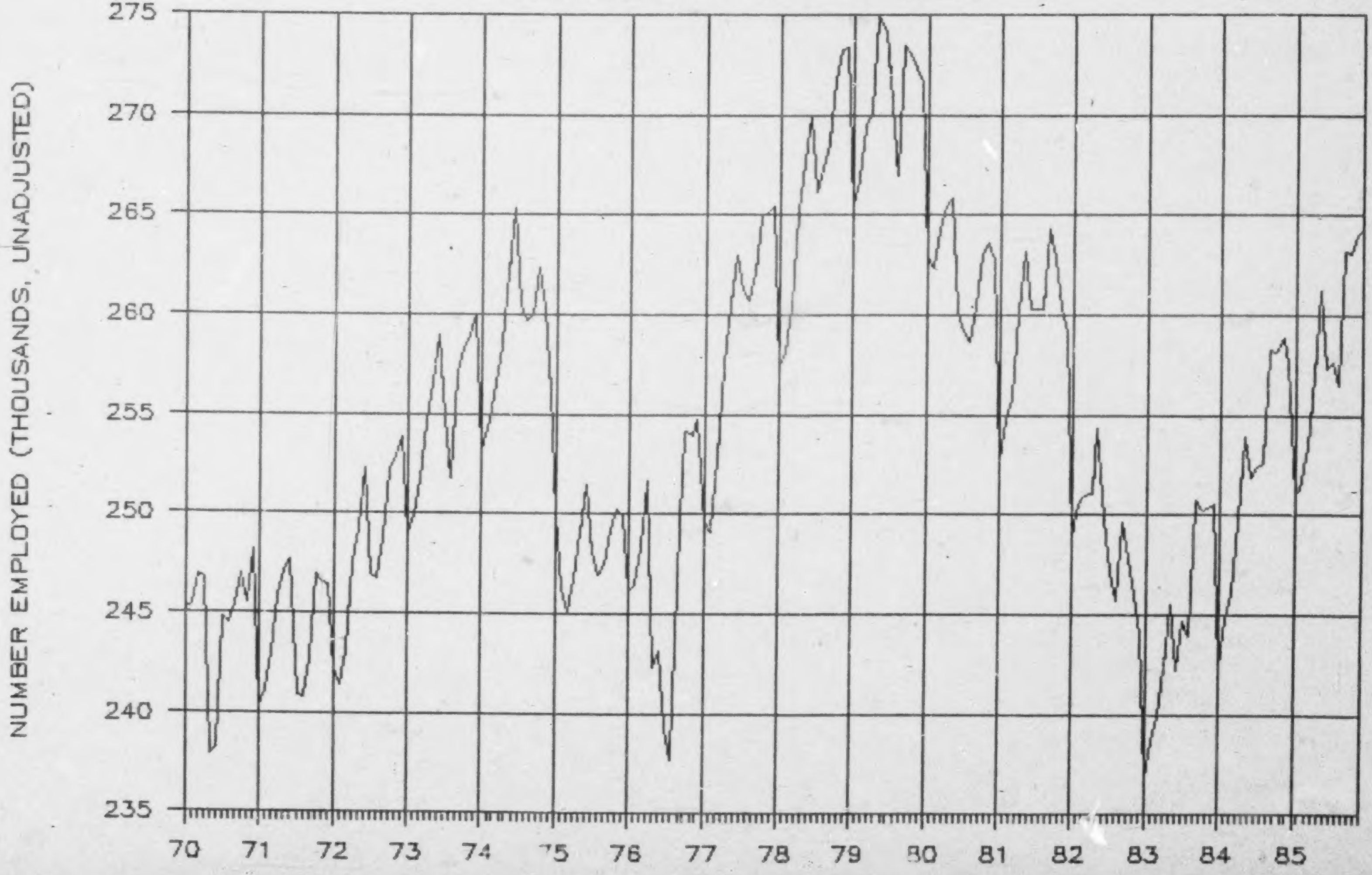


AKRON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



AKRON PMSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1985[a]
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	258.3	251.1	251.3	253.4	257.0	261.2	257.3	257.6	256.5	263.2	263.1	264.0	264.3
MANUFACTURING	67.9	68.2	68.2	68.3	68.6	68.7	68.7	68.1	66.9	67.4	67.0	67.2	66.8
Durable Goods[b]	35.4	35.3	35.2	35.5	35.8	35.8	35.8	35.3	34.4	35.2	35.2	35.4	35.3
Fabricated metal products	13.0	13.2	13.0	13.0	13.1	13.2	13.3	12.9	12.1	12.9	13.0	13.0	12.9
Machinery, except electrical	9.5	9.5	9.5	9.7	9.6	9.5	9.5	9.5	9.4	9.4	9.4	9.5	9.5
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.1	3.1	3.1
Nondurable Goods[c]	32.5	32.9	33.0	32.9	32.9	32.9	32.9	32.7	32.5	32.2	31.8	31.8	31.5
Food and kindred products	2.8	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Chemicals and allied products	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
Rubber and misc. plastics products	21.9	22.5	22.6	22.4	22.3	22.2	22.1	21.9	21.7	21.6	21.2	21.2	20.8
Tires and inner tubes	15.2	15.7	15.8	15.8	15.7	15.6	15.4	15.1	14.9	14.8	14.6	14.5	14.2
NONMANUFACTURING[d]	190.5	183.0	183.0	185.0	188.4	192.5	188.6	189.5	189.7	195.8	196.1	196.8	197.5
CONSTRUCTION	8.3	6.5	5.9	6.4	7.5	8.5	8.8	9.3	9.5	9.6	9.5	9.1	8.4
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.6	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	13.0
Communication, electric, gas services	5.3	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.3	5.3
WHOLESALE TRADE	13.4	13.1	13.0	13.1	13.3	13.3	13.4	13.6	13.6	13.6	13.7	13.8	13.8
RETAIL TRADE	49.2	47.8	46.9	47.6	48.4	49.0	49.0	49.2	49.6	50.0	50.2	51.1	52.2
General merchandise stores	6.8	6.9	6.5	6.5	6.6	6.6	6.5	6.6	6.5	6.5	6.8	7.2	7.7
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.3	9.3	9.3	9.5	9.6	9.6	9.7	9.7	9.9	9.8	9.9	9.9
Banking	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2
SERVICES	54.6	51.4	51.5	51.9	53.2	55.2	56.1	56.8	56.8	56.3	55.6	55.4	55.4
Business services	10.4	9.9	9.8	9.9	9.8	10.2	10.4	10.6	10.7	10.8	10.8	10.8	11.0
Amusement and recreation services	3.0	2.1	2.1	2.0	2.6	3.6	4.1	4.4	4.4	3.6	2.7	2.5	2.4
Health services	17.5	17.4	17.4	17.5	17.4	17.5	17.5	17.7	17.5	17.6	17.5	17.5	17.4
GOVERNMENT	41.7	41.4	42.8	43.0	43.0	43.4	38.0	37.3	36.9	42.7	43.4	43.7	44.1
State government	13.8	13.4	14.7	15.1	14.8	14.9	9.8	10.4	10.4	15.1	15.4	15.5	15.6
State government education	10.9	10.5	11.8	12.2	12.0	12.0	6.9	7.4	7.4	12.2	12.6	12.6	12.7
State government, except education	2.9	2.9	2.9	2.9	2.8	2.9	3.0	3.0	3.0	2.9	2.8	2.8	2.9
Local government	25.7	26.0	26.0	25.8	25.9	26.4	25.9	24.7	24.2	25.5	25.9	26.0	26.2
Local government education	13.7	14.3	14.4	14.2	14.0	14.2	13.3	11.9	12.0	13.5	14.0	14.2	14.4
Local government, except education	12.0	11.7	11.6	11.6	11.9	12.2	12.5	12.7	12.3	12.0	11.8	11.8	11.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-1 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.00	$10.89	$10.85	$11.12	$11.08	$10.99	$11.07	$10.99	$10.67	$11.09	$11.02	$11.03	$11.21
Durable ~~Goods~~[b]	11.36	11.26	11.12	11.56	11.51	11.37	11.45	11.39	10.94	11.43	11.35	11.30	11.55
Fabricated metal products	13.68	13.28	13.23	[illegible]	14.29	13.97	13.85	13.66	12.92	13.86	13.60	13.30	13.87
Machinery, except electrical	9.64	9.60	9.46	9.51	9.42	9.41	9.53	9.61	9.67	9.90	9.74	9.80	9.91
Metalworking machinery	9.57	9.81	9.72	9.66	9.54	9.48	9.52	9.50	9.44	9.42	9.44	9.59	9.72
Nondurable Goods[c]	10.44	10.26	10.42	10.41	10.38	10.38	10.49	10.37	10.28	10.57	10.49	10.61	10.67
Food and kindred products	10.58	10.31	10.59	10.60	10.56	10.62	10.58	10.67	10.56	10.57	10.48	10.67	10.76
Chemicals and allied products	10.76	10.77	10.49	10.79	10.62	10.78	10.60	10.61	10.74	10.81	11.05	11.00	10.80
Rubber and misc. plastics products	10.77	10.52	10.74	10.68	10.73	10.74	10.85	10.86	10.66	10.80	10.72	10.90	11.00
Tires and inner tubes	13.84	13.41	13.71	13.57	13.66	13.62	13.89	14.13	13.91	14.11	13.94	14.04	14.18
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	12.88	12.45	12.56	12.51	12.58	12.60	12.61	12.89	13.13	13.24	13.37	13.36	13.24
WHOLESALE TRADE	8.46	8.28	8.50	8.48	8.46	8.48	8.26	8.53	8.52	8.49	8.53	8.51	8.47
RETAIL TRADE[d]	6.06	5.92	5.99	5.98	6.05	6.02	6.12	6.12	6.14	6.18	6.15	6.06	5.96

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-1 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	44.1	43.4	44.0	43.3	43.0	43.5	42.6	42.1	42.9	42.1	43.0	44.1
Durable Goods[b]	43.5	45.2	43.9	44.8	44.3	43.5	43.5	42.8	41.8	42.9	42.1	43.0	44.3
Fabricated metal products	44.2	46.3	43.4	46.6	45.7	44.9	44.9	44.3	39.9	41.6	42.5	43.6	45.7
Machinery, except electrical	44.6	46.0	45.7	44.9	44.5	44.0	44.2	43.2	44.1	45.9	43.1	43.8	45.7
Metalworking machinery	44.0	45.6	44.3	44.0	44.1	43.5	44.8	42.8	43.3	43.9	42.9	43.9	44.9
Nondurable Goods[c]	42.6	42.3	42.5	42.9	41.9	42.1	43.6	42.4	42.5	42.9	42.0	42.9	43.8
Food and kindred products	43.6	43.0	43.6	42.3	43.2	45.1	43.9	44.7	44.4	43.9	42.9	43.0	43.7
Chemicals and allied products	41.4	44.7	40.9	41.0	40.7	41.7	41.7	40.0	40.7	40.5	41.6	42.2	41.1
Rubber and misc. plastics products	44.0	43.2	44.0	44.6	43.6	43.5	45.4	43.9	44.0	43.8	42.8	44.0	45.1
Tires and inner tubes	47.3	45.7	47.6	47.3	47.0	47.3	49.4	47.6	47.3	47.2	45.2	47.2	48.7
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.9	40.3	40.4	40.5	40.8	40.7	41.0	41.1	41.0	41.4	41.5	41.5	41.1
WHOLESALE TRADE	38.5	38.8	38.2	37.9	38.8	38.2	39.9	39.3	38.3	38.2	37.8	38.1	38.2
RETAIL TRADE	29.9	29.6	29.3	30.0	30.0	30.8	30.5	30.5	30.2	29.4	29.5	29.1	29.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-3-1 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$475.20	$480.25	$470.89	$489.28	$479.76	$472.57	$481.55	$468.17	$449.21	$475.76	$463.94	$474.29	$494.36
Durable Goods[b]	494.16	508.95	488.17	517.89	509.89	494.60	498.08	487.49	457.29	490.35	477.84	485.90	511.67
Fabricated metal products	604.66	614.86	574.18	659.39	653.05	627.25	621.87	605.14	515.51	576.58	578.00	579.88	633.86
Machinery, except electrical	429.94	441.60	432.32	431.49	419.19	414.04	421.23	415.15	426.45	454.41	419.79	429.24	452.89
Metalworking machinery	421.08	447.34	430.60	425.04	420.71	412.38	426.50	406.60	408.75	413.54	404.98	421.00	436.43
Nondurable Goods[c]	444.74	434.00	442.85	446.59	434.92	437.00	457.36	439.69	436.90	453.45	440.58	455.17	467.35
Food and kindred products	461.29	443.33	461.72	448.38	456.19	478.96	464.46	476.95	468.86	464.02	449.59	458.81	470.21
Chemicals and allied products	445.46	481.42	429.04	442.39	432.23	449.53	442.02	424.40	437.12	437.81	459.68	464.20	443.88
Rubber and misc. plastics products	473.88	454.46	472.56	476.33	467.83	467.19	492.59	476.75	469.04	473.04	458.82	479.60	496.10
Tires and inner tubes	654.63	612.84	652.60	641.86	642.02	644.23	686.17	672.59	657.94	665.99	630.09	662.69	690.57
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	526.79	501.74	507.42	506.66	513.26	512.82	517.01	529.78	538.33	548.14	554.86	554.44	544.16
WHOLESALE TRADE	325.71	321.26	324.70	321.39	328.25	323.94	329.57	335.23	326.32	324.32	322.43	324.23	323.55
RETAIL TRADE[d]	181.19	175.23	175.51	179.40	181.50	185.42	186.66	186.66	185.43	181.69	181.43	176.35	175.82

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-1 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1984[a]
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	252.2	242.5	244.8	246.0	249.8	254.0	251.9	252.4	252.6	258.3	258.1	258.9	257.6
MANUFACTURING	67.9	65.8	66.1	66.3	67.0	67.9	68.7	68.6	68.4	69.0	69.1	69.0	68.6
Durable Goods[b]	35.0	33.4	33.7	33.9	34.3	35.1	35.6	35.4	35.3	35.8	36.0	36.0	35.6
Fabricated metal products	13.1	12.6	12.8	12.8	13.0	13.3	13.3	13.1	12.9	13.3	13.2	13.3	13.1
Machinery, except electrical	9.2	8.7	8.7	8.8	8.9	9.0	9.1	9.3	9.5	9.6	9.7	9.7	9.6
Metalworking machinery	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2
Nondurable Goods[c]	32.9	32.3	32.4	32.4	32.7	32.8	33.1	33.3	33.1	33.2	33.1	33.0	32.9
Food and kindred products	2.6	2.5	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.7	2.7	2.6
Chemicals and allied products	2.8	2.9	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.7
Rubber and misc. plastics products	22.2	21.8	21.9	21.9	22.1	22.1	22.2	22.4	22.4	22.4	22.4	22.4	22.4
Tires and inner tubes	15.4	15.3	15.3	15.3	15.4	15.3	15.3	15.4	15.4	15.4	15.5	15.4	15.5
NONMANUFACTURING[d]	184.4	176.7	178.7	179.7	182.8	186.1	183.3	183.8	184.2	189.3	189.0	189.8	189.0
CONSTRUCTION	7.6	5.8	5.6	5.8	6.8	7.6	8.3	8.7	8.9	8.9	8.8	8.5	7.7
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.7	12.9	13.0	13.1	13.1	13.1	13.1	13.2	13.0	13.0	12.9	12.8
Communication, electric, gas services	5.4	5.5	5.6	5.6	5.6	5.6	5.5	5.4	5.4	5.3	5.3	5.3	5.2
WHOLESALE TRADE	13.0	12.3	12.4	12.5	12.8	13.1	13.2	13.2	13.2	13.2	13.3	13.4	13.3
RETAIL TRADE	47.0	45.3	44.9	45.2	45.9	46.4	46.8	46.9	47.3	47.6	48.1	49.3	49.9
General merchandise stores	6.8	6.8	6.5	6.4	6.5	6.5	6.5	6.4	6.5	6.5	7.1	7.6	7.9
FINANCE, INSURANCE, AND REAL ESTATE	9.2	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.4	9.2	9.3	9.3
Banking	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.0	3.0	3.0	2.9	2.9	3.0
SERVICES	52.8	50.9	51.1	51.2	52.5	53.7	54.4	54.4	54.4	53.6	52.6	52.4	51.9
Business services	9.6	9.0	9.0	9.1	9.4	9.5	9.6	9.7	9.9	9.9	9.8	9.9	9.9
Amusement and recreation services	3.1	2.4	2.5	2.4	2.8	3.6	4.1	4.4	4.3	3.6	2.6	2.4	2.3
Health services	17.5	17.6	17.7	17.6	17.5	17.5	17.5	17.5	17.3	17.3	17.4	17.3	17.3
GOVERNMENT	41.1	40.1	42.2	42.2	41.9	42.3	37.4	37.5	36.9	42.7	43.1	43.2	43.2
State government	13.3	12.5	14.5	14.7	14.5	14.5	9.1	10.2	10.3	14.5	14.9	15.0	15.2
State government education	10.5	9.6	11.7	11.9	11.7	11.7	6.1	7.3	7.3	11.6	12.1	12.2	12.3
State government, except education	2.9	2.9	2.9	2.8	2.8	2.8	3.0	3.0	3.0	2.9	2.8	2.9	2.9
Local government	25.6	25.5	25.6	25.5	25.4	25.7	26.2	25.1	24.5	26.0	26.1	25.9	25.8
Local government education	13.4	13.8	14.0	13.9	13.8	13.8	13.0	11.7	11.5	13.3	13.8	14.0	14.0
Local government, except education	12.2	11.7	11.6	11.6	11.6	11.9	13.1	13.4	13.0	12.7	12.3	11.9	11.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-1 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA, 1983[a]

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	244.7	236.9	238.6	239.9	242.3	245.5	242.2	244.7	243.9	250.8	250.2	250.4	250.6
MANUFACTURING	65.2	63.5	64.0	64.1	64.6	64.6	64.9	65.6	66.0	66.3	66.6	66.3	65.9
Durable Goods[b]	32.7	31.3	31.9	32.1	32.3	32.3	32.4	32.7	33.2	33.6	33.9	33.6	33.4
Fabricated metal products	12.3	11.9	12.4	12.5	12.6	12.4	12.3	12.0	12.2	12.3	12.4	12.6	12.6
Machinery, except electrical	8.5	8.1	8.1	8.1	8.2	8.3	8.4	8.8	8.9	9.1	9.2	8.8	8.6
Metalworking machinery	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Nondurable Goods[c]	32.5	32.2	32.1	32.0	32.3	32.3	32.5	32.9	32.8	32.7	32.8	32.7	32.5
Food and kindred products	2.6	2.7	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.6	2.7
Chemicals and allied products	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0	3.0	2.9
Rubber and misc. plastics products	21.6	21.4	21.3	21.3	21.5	21.4	21.5	21.8	21.8	21.8	21.9	21.9	21.8
Tires and inner tubes	15.5	15.7	15.6	15.6	15.6	15.5	15.5	15.6	15.5	15.4	15.5	15.4	15.3
NONMANUFACTURING[d]	179.5	173.5	174.7	175.8	177.7	180.9	177.3	179.1	177.9	184.5	183.6	184.1	184.6
CONSTRUCTION	6.9	5.2	5.0	5.2	5.8	6.6	7.5	7.9	8.1	8.2	8.2	7.8	7.2
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.3	12.4	12.4	12.5	12.6	12.7	12.8	11.8	12.7	12.8	12.8	12.8
Communication, electric, gas services	5.4	5.5	5.5	5.5	5.5	5.5	5.6	5.5	4.5[e]	5.5	5.5	5.5	5.5
WHOLESALE TRADE	11.9	11.5	11.5	11.6	11.5	11.6	11.7	12.0	12.1	12.2	12.2	12.3	12.5
RETAIL TRADE	45.3	43.5	43.0	43.4	44.3	44.9	45.4	45.6	46.0	46.2	46.3	46.9	47.9
General merchandise stores	6.6	6.7	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.5	6.7	7.2	7.6
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.2	9.1	9.1	9.1	9.2	9.3	9.2	9.2	9.1	9.1	9.0	9.0
Banking	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1	3.1	3.1	3.1
SERVICES	52.3	50.7	50.6	50.8	51.3	52.7	53.6	54.3	54.1	53.1	52.4	52.3	52.2
Business services	8.5	8.1	8.1	8.1	8.2	8.4	8.4	8.8	8.7	8.8	8.7	8.8	8.9
Amusement and recreation services	3.2	2.5	2.6	2.5	2.8	3.8	4.3	4.4	4.4	3.2	2.4	2.5	2.6
Health services	17.7	17.7	17.5	17.5	17.6	17.6	17.7	17.9	18.0	17.9	17.9	17.9	17.9
GOVERNMENT	40.7	40.4	42.4	42.6	42.4	42.6	36.4	36.7	36.0	42.2	42.0	42.3	42.5
State government	13.1	12.5	14.2	14.4	14.3	14.3	8.8	10.1	10.0	14.7	14.5	14.5	14.7
State government education	10.1	9.5	11.3	11.4	11.4	11.4	5.8	7.1	7.0	11.8	11.6	11.7	11.8
State government, except education	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.9
Local government	25.5	25.9	26.1	26.2	26.1	26.3	25.5	24.5	23.9	25.5	25.5	25.6	25.5
Local government education	13.6	14.2	14.5	14.6	14.3	14.3	13.4	11.8	11.6	13.5	13.7	13.8	13.7
Local government, except education	11.9	11.7	11.6	11.6	11.7	11.9	12.1	12.7	12.3	12.0	11.8	11.8	11.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

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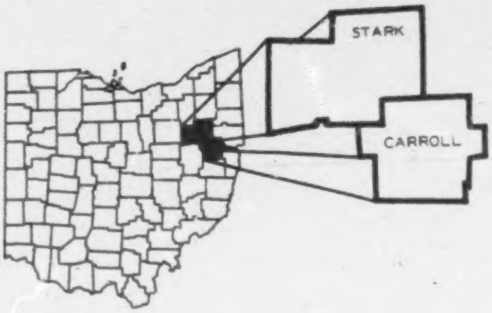
CANTON
METROPOLITAN STATISTICAL AREA

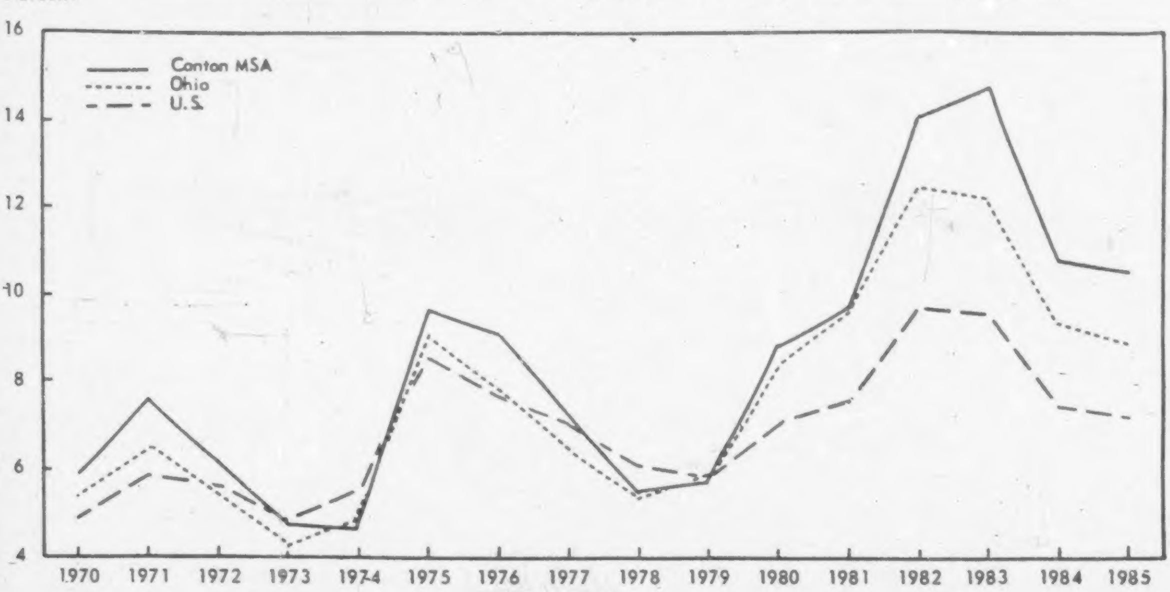


The estimated annual average civilian labor force in the Canton area, based on place of residence, advanced 1,500, from 188,100 in 1984 to 189,600 in 1985. Total employment grew 1,500 over the year; however, unemployment, at 20,000 in 1985, was virtually unchanged from 1984. The unemployment rate declined slightly from 10.6 percent in 1984 to 10.5 percent in 1985 (see table, page 49).

Nonagricultural wage and salary employment increased 2.1 percent, from 149,100 in 1984 to 152,200 in 1985. Retail trade and services were the big gainers. Employment in nondurable goods increased slightly, but was reduced in durable goods, especially in primary metal industries.

During the economic downturns from 1979 to 1983, durable-goods industries in the Canton metropolitan area, especially primary metals and fabricated metal products, had the sharpest setbacks. Substantial losses in employment occurred in transportation and public utilities, rubber and miscellaneous plastics products, and retail trade (see table, page 49). Examination of the recovery patterns in the Canton area reveals that retail trade led with an increase of 2,800 jobs from 1983 to 1985; services was second with 2,100. Advances in construction and manufacturing also helped boost total nonagricultural wage and salary employment to a recovery rate of 50.6 percent over the two-year period. Fabricated metal products, finance, insurance, and real estate, and government lost employment from 1983 to 1985.

CANTON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES

(Absolute data in thousands)

Canton Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Canton	Ohio	U.S.
1970	162.7	153.1	9.6	5.9	5.4	4.9
1971	164.9	152.3	12.6	7.6	6.5	5.9
1972	165.6	155.3	10.3	6.2	5.5	5.6
1973	171.2	163.1	8.1	4.7	4.3	4.9
1974	175.6	167.5	8.1	4.6	4.8	5.6
1975	174.7	158.0	16.7	9.6	9.1	8.5
1976	174.4	158.6	15.8	9.1	7.8	7.7
1977	175.9	163.1	12.9	7.3	6.5	7.1
1978	179.9	170.0	9.9	5.5	5.4	6.1
1979	184.3	173.7	10.6	5.7	5.9	5.8
1980	187.7	170.9	16.8	8.9	8.4	7.1
1981	188.4	170.1	18.2	9.7	9.6	7.6
1982	191.4	164.3	27.0	14.1	12.5	9.7
1983	187.0	159.5	27.5	14.7	12.2	9.6
1984	188.1	168.1	19.9	10.6	9.4	7.5
1985	189.6	169.6	20.0	10.5	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE CANTON METROPOLITAN STATISTICAL AREA

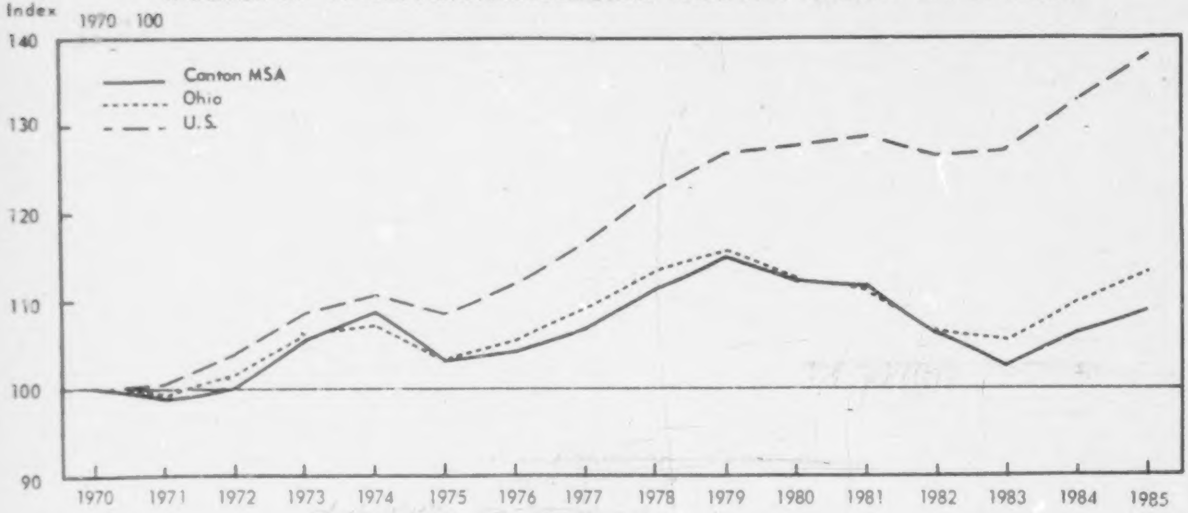
1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Canton	Ohio
TOTAL	160.8	143.4	152.2	-17.4	8.8	50.6	72.9
MANUFACTURING	59.1	43.5	46.3	-15.6	2.8	17.9	18.1
Durable Goods	46.4	33.0	34.7	-13.4	1.7	12.7	17.7
Primary metal industries	15.6	10.2	11.0	-5.4	0.8	14.8	-
Fabricated metal products	10.2	7.6	7.3	-2.6	-0.3	-	20.1
Nondurable Goods	12.7	10.6	11.6	-2.1	1.0	47.6	19.5
Food and kindred products	4.4	3.7	4.1	-0.7	0.4	57.1	-
Rubber and misc. plastics products	3.5	2.5	2.8	-1.0	0.3	30.0	34.6
CONSTRUCTION	6.4	4.3	5.5	-2.1	1.2	57.1	44.7
TRANSPORTATION AND PUBLIC UTILITIES	7.6	5.9	6.0	-1.7	0.1	5.9	11.9
WHOLESALE TRADE	7.2	7.2	7.8	0.0	0.6	+	233.0
RETAIL TRADE	27.1	26.1	28.9	-1.0	2.8	280.0	251.0
FINANCE, INSURANCE, AND REAL ESTATE	5.9	6.4	6.1	0.5	-0.3	+ -	+
SERVICES	28.1	30.7	32.8	2.6	2.1	+	+
GOVERNMENT	18.3	18.0	17.6	-0.3	-0.4	-	48.0
Local government	15.1	15.2	14.6	0.1	-0.6	+ -	16.1

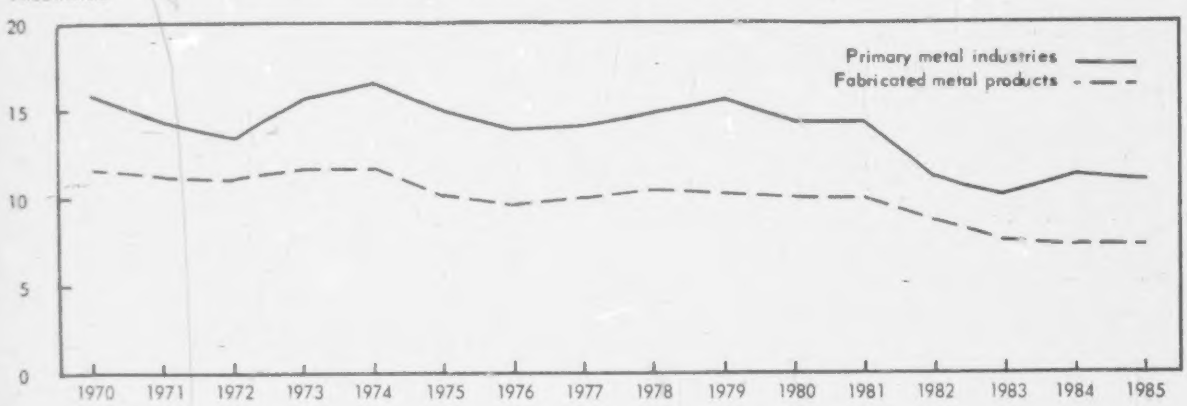
+ No downturn, 1979-1983

- No upturn, 1983-1985

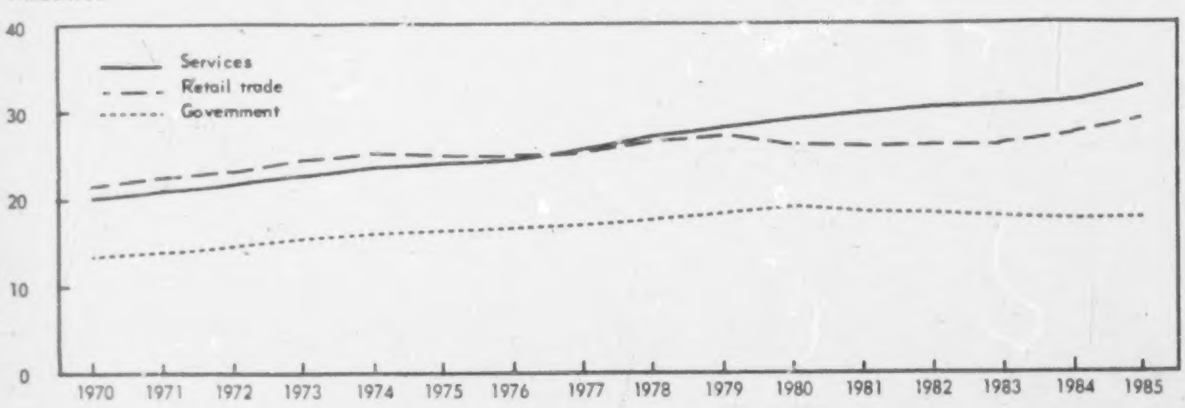
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

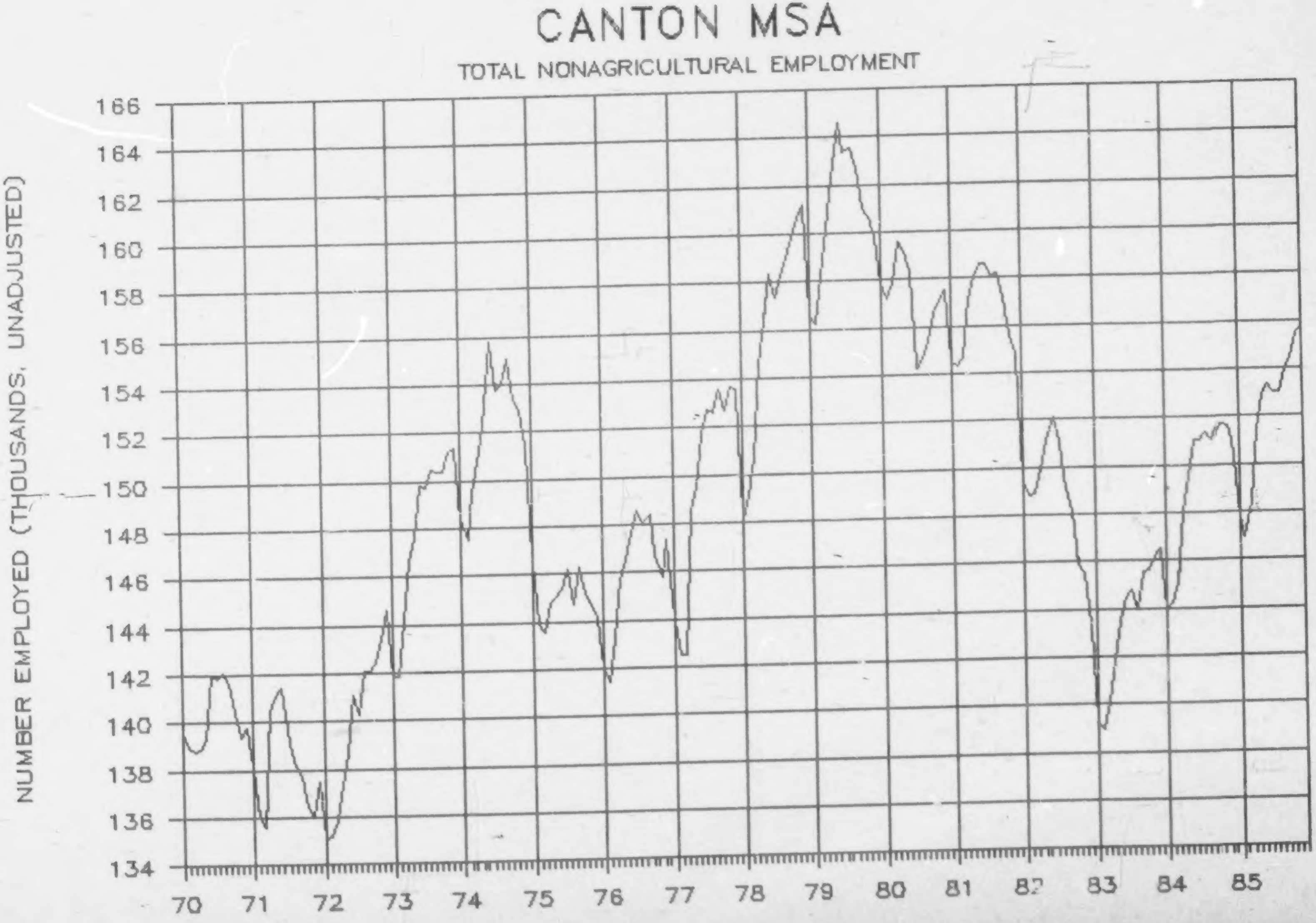


CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CANTON MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




CANTON MSA
TOTAL NONAGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUSANDS, UNADJUSTED)
166
164
162
160
158
156
154
152
150
148
146
144
142
140
138
136
134
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84
85

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1985[a]
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	152.2	147.8	146.9	148.4	151.4	152.9	153.3	153.0	153.0	153.9	154.4	155.5	155.7
MANUFACTURING	46.3	46.5	45.9	46.2	46.5	46.5	46.7	46.4	46.3	46.4	45.8	46.1	46.0
Durable Goods[b]	34.7	35.1	34.7	34.9	35.2	35.1	35.0	34.8	34.6	34.5	34.1	34.4	34.2
Primary metal industries	11.0	10.5	10.8	11.0	11.2	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.0
Fabricated metal products	7.3	7.4	7.3	7.4	7.4	7.5	7.4	7.4	7.4	7.3	7.0	7.2	7.1
Metal forgings and stampings	2.8	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.5	2.6	2.6
Nondurable Goods[c]	11.6	11.4	11.2	11.3	11.3	11.5	11.7	11.7	11.7	11.9	11.7	11.8	11.7
Food and kindred products	4.1	3.9	3.8	3.9	3.8	3.9	4.1	4.2	4.3	4.4	4.3	4.3	4.4
Rubber and misc. plastics products	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.8	2.9	2.8	2.7	2.8
NONMANUFACTURING[d]	105.9	101.3	101.0	102.2	105.0	106.3	106.5	106.6	106.7	107.5	108.5	109.3	109.7
CONSTRUCTION	5.5	4.2	4.1	4.4	5.3	5.5	5.8	6.0	6.1	6.2	6.3	6.1	5.7
TRANSPORTATION AND PUBLIC UTILITIES	6.0	5.9	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0
Communication, electric, gas services	2.8	2.7	2.7	2.8	2.7	2.8	2.8	2.8	2.8	2.7	2.8	2.8	2.8
WHOLESALE TRADE	7.8	7.7	7.6	7.7	7.7	7.8	7.9	8.0	8.0	7.9	7.9	7.9	7.9
Wholesale trade-durable goods	4.4	4.4	4.3	4.4	4.3	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5
RETAIL TRADE	28.9	27.4	27.1	27.3	28.4	29.1	29.0	29.1	29.3	29.4	29.8	30.4	31.2
General merchandise stores	3.7	3.8	3.6	3.5	3.6	3.6	3.6	3.6	3.5	3.6	3.9	4.1	4.3
Food stores	5.0	4.7	4.7	4.7	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.3
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.0	6.0	6.0	6.0	6.1	6.2	6.2	6.3	6.2	6.1	6.2	6.2
Banking	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.8	1.8	1.8	1.8	1.8
SERVICES	32.8	30.9	31.2	31.6	32.4	32.7	33.1	33.4	33.3	33.6	33.9	33.9	33.7
Health services	13.8	13.6	13.6	13.6	13.8	13.8	13.9	14.0	13.9	13.9	13.9	13.9	13.9
GOVERNMENT	17.6	17.9	17.9	18.1	18.2	18.1	17.4	16.7	16.6	17.1	17.3	17.6	17.8
State government	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
Local government	14.6	15.1	15.1	15.2	15.2	15.2	14.6	13.8	13.7	14.1	14.4	14.7	14.7
Local government education	8.4	8.8	8.8	9.0	9.0	9.0	8.3	7.6	7.5	8.0	8.3	8.5	8.5
Local government, except education	6.2	6.3	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.1	6.1	6.2	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-1-2 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.95	$10.84	$10.89	$10.89	$10.84	$10.91	$10.95	$10.92	$10.98	$10.97	$11.03	$11.05	$11.16
Durable Goods[b]	11.29	11.16	11.21	11.22	11.13	11.20	11.25	11.19	11.32	11.36	11.40	11.47	11.60
Primary metal industries	12.25	12.12	12.17	12.25	12.21	12.22	12.22	12.37	12.35	12.28	12.27	12.22	12.34
Fabricated metal products	11.93	11.91	12.04	12.01	12.00	11.88	11.82	11.32	11.89	11.91	11.76	12.12	12.45
Metal forgings and stampings	14.91	14.35	14.49	14.73	14.87	14.75	14.82	14.14	15.06	15.04	15.34	15.62	15.90
Nondurable Goods[c]	9.84	9.78	9.80	9.80	9.83	9.92	9.93	10.04	9.90	9.76	9.85	9.72	9.79
Food and kindred products	10.24	9.81	10.00	10.24	10.23	10.29	10.39	10.62	10.40	10.09	10.20	10.24	10.34
Rubber and misc. plastics products	10.49	10.56	10.54	10.44	10.35	10.35	10.45	10.54	10.36	10.64	10.65	10.51	10.52
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	12.28	12.14	11.88	11.92	11.93	11.95	11.97	12.39	12.55	12.63	12.62	12.72	12.67
WHOLESALE TRADE	9.14	8.75	8.85	8.89	9.04	9.16	9.11	9.17	9.12	9.25	9.42	9.34	9.50
RETAIL TRADE[d]	5.41	5.41	5.44	5.46	5.44	5.41	5.36	5.37	5.36	5.46	5.44	5.37	5.38

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-4-2 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	39.8	40.1	39.5	40.0	39.4	39.9	39.7	39.5	39.4	40.1	40.1	40.2	40.2
Durable Goods[b]	39.9	40.1	39.6	40.0	39.6	39.9	40.2	39.4	39.4	40.0	40.1	40.2	40.3
Primary metal industries	37.8	36.9	37.3	38.0	37.7	38.2	38.3	37.8	37.5	38.2	38.3	38.0	37.9
Fabricated metal products	42.1	43.8	41.4	42.5	42.7	41.8	42.1	40.6	41.3	41.1	41.8	42.3	43.7
Metal forgings and stampings	42.5	43.0	42.7	43.2	42.9	42.1	42.0	38.5	43.1	42.1	41.9	43.8	44.1
Nondurable Goods[c]	39.7	39.9	39.3	40.3	38.9	39.9	38.1	39.8	39.6	40.5	40.1	40.0	40.2
Food and kindred products	39.4	39.1	39.5	39.7	38.2	40.2	37.4	40.2	39.6	39.6	39.2	39.7	40.1
Rubber and misc. plastics products	43.2	45.4	43.4	43.7	42.4	43.1	42.2	41.5	42.1	43.4	43.8	43.6	44.1
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.0	41.0	40.5	40.8	40.6	40.9	40.7	41.2	41.6	41.3	41.1	41.2	41.0
WHOLESALE TRADE	36.0	36.5	36.5	36.9	35.8	36.0	35.2	35.7	35.1	36.1	35.9	36.3	36.1
RETAIL TRADE	29.3	28.7	28.5	28.9	29.0	29.2	29.8	30.0	29.7	29.7	29.4	29.1	29.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-3-2 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$435.81	$434.68	$430.16	$435.60	$427.10	$435.31	$434.72	$431.34	$432.61	$439.90	$442.30	$444.21	$448.63
Durable Goods[b]	450.47	447.52	443.92	448.80	440.75	446.88	452.25	440.89	446.01	454.40	457.14	461.09	467.48
Primary metal industries	463.05	447.23	453.94	465.50	460.32	466.80	468.03	467.59	463.13	469.10	469.94	464.36	467.69
Fabricated metal products	502.25	521.66	498.46	510.43	512.40	496.58	497.62	459.59	491.06	489.50	491.57	512.68	544.07
Metal forgings and stampings	633.68	617.05	618.72	636.34	637.92	620.98	622.44	544.39	649.09	633.18	642.75	684.16	701.19
Nondurable Goods[c]	390.65	390.22	385.14	394.94	382.39	395.81	378.33	399.59	392.04	395.28	394.99	388.80	393.56
Food and kindred products	403.46	383.57	395.00	406.53	390.79	413.66	388.59	426.92	411.84	399.56	399.84	406.53	414.63
Rubber and misc. plastics products	453.17	479.42	457.44	456.23	438.84	446.09	440.99	437.41	436.16	461.78	466.47	458.24	463.93
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	503.48	497.74	481.14	486.34	484.36	488.76	487.18	510.47	522.08	521.62	518.68	524.06	519.47
WHOLESALE TRADE	329.04	319.38	323.03	328.04	323.63	329.76	320.67	327.37	320.11	333.93	338.18	339.04	342.95
RETAIL TRADE[d]	158.51	155.27	155.04	157.79	157.76	157.97	159.73	161.10	159.19	162.16	159.94	156.27	157.63

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay period which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-2 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	149.1	143.9	144.2	145.0	148.0	149.5	151.0	151.0	151.4	151.0	151.7	151.6	151.0
MANUFACTURING	46.4	44.7	44.8	45.8	46.0	46.1	46.7	47.3	47.7	47.1	47.0	46.8	46.7
Durable Goods[b]	35.0	33.8	34.1	34.8	34.8	34.9	35.2	35.7	35.9	35.5	35.4	35.3	35.2
Primary metal industries	11.4	10.9	11.2	11.4	11.4	11.4	11.6	11.9	11.9	11.5	11.3	11.0	10.9
Fabricated metal products	7.3	7.3	7.0	7.1	7.0	7.1	7.3	7.2	7.4	7.3	7.4	7.5	7.5
Metal forgings and stampings	2.8	2.6	2.5	2.6	2.6	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0
Nondurable Goods[c]	11.3	10.9	10.7	11.0	11.1	11.2	11.5	11.6	11.7	11.7	11.5	11.5	11.5
Food and kindred products	3.9	3.8	3.7	3.8	3.8	3.8	4.0	4.1	4.1	4.1	4.0	4.0	4.0
Rubber and misc. plastics products	2.8	2.7	2.7	2.8	2.8	3.0	2.9	2.8	2.9	2.8	2.9	2.8	2.8
NONMANUFACTURING[d]	102.7	99.2	99.4	99.3	102.1	103.4	104.3	103.7	103.8	103.9	104.8	104.8	104.3
CONSTRUCTION	4.9	3.8	3.8	3.8	4.4	4.9	5.4	5.8	5.6	5.7	5.7	5.5	5.0
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.2	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0
Communication, electric, gas services	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.7
WHOLESALE TRADE	7.7	7.3	7.4	7.4	7.6	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Wholesale trade-durable goods	4.3	4.1	4.1	4.2	4.3	4.4	4.5	4.4	4.5	4.4	4.4	4.5	4.5
RETAIL TRADE	27.5	26.3	25.9	26.0	27.2	27.6	27.7	27.8	28.1	28.0	28.2	28.6	29.0
General merchandise stores	3.8	3.9	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.9	4.1	4.2
Food stores	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.4	4.5	4.5	4.6	4.6	4.7
FINANCE, INSURANCE, AND REAL ESTATE	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.1	6.0	6.0	6.0	5.9	5.9
Banking	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
SERVICES	31.4	30.3	30.5	30.5	31.2	31.5	31.9	31.8	31.9	31.9	31.9	31.7	31.4
Health services	13.7	13.6	13.6	13.5	13.6	13.6	13.6	13.7	13.8	13.9	13.8	13.8	13.8
GOVERNMENT	17.6	17.8	18.1	17.9	17.9	17.9	17.6	16.8	16.7	17.0	17.8	18.0	18.0
State government	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.5	1.5	1.6	1.6	1.7
Local government	14.8	15.0	15.3	15.1	15.1	15.1	14.8	14.0	13.9	14.2	15.0	15.1	15.1
Local government education	8.6	8.8	9.1	8.9	8.9	8.9	8.5	7.8	7.7	8.0	8.7	8.8	8.9
Local government, except education	6.2	6.3	6.2	6.2	6.2	6.2	6.3	6.2	6.3	6.2	6.3	6.3	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-780-1-2 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	143.4	139.2	139.0	140.1	141.8	143.5	144.5	144.8	144.0	145.5	145.6	146.2	146.5
MANUFACTURING	43.5	41.8	42.2	42.4	42.5	43.3	44.3	44.3	44.3	44.3	44.1	44.3	44.8
Durable Goods[b]	33.0	31.5	31.8	32.1	32.3	33.0	33.7	33.6	33.6	33.6	33.3	33.5	33.9
Primary metal industries	10.2	9.0	9.2	9.6	9.9	10.2	10.6	10.7	10.6	10.4	10.6	10.7	10.9
Fabricated metal products	7.6	7.4	7.5	7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.6	7.7	7.7
Metal forgings and stampings	2.3	1.9	2.1	2.1	2.2	2.2	2.3	2.2	2.4	2.5	2.5	2.6	2.7
Nondurable Goods[c]	10.6	10.3	10.4	10.4	10.2	10.3	10.6	10.7	10.7	10.7	10.8	10.8	10.9
Food and kindred products	3.7	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.7	3.6	3.7	3.7	3.8
Rubber and misc. plastics products	2.5	2.3	2.3	2.3	2.3	2.4	2.5	2.5	2.6	2.7	2.7	2.7	2.7
NONMANUFACTURING[d]	99.9	97.4	96.8	97.7	99.3	100.2	100.1	100.5	99.8	101.2	101.6	101.9	101.7
CONSTRUCTION	4.3	3.4	3.0	3.3	3.7	4.0	4.3	5.3	4.9	5.0	5.0	4.9	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.8	5.9	6.0	5.9	6.0	6.0	5.6	6.1	6.1	6.1	6.1
Communication, electric, gas services	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4[e]	2.9	2.9	2.9	2.8
WHOLESALE TRADE	7.2	7.1	7.0	7.1	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Wholesale trade–durable goods	4.0	3.8	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
RETAIL TRADE	26.1	25.0	24.6	24.7	25.5	26.0	26.3	26.4	26.8	26.8	26.6	27.2	27.6
General merchandise stores	3.5	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.5	4.0	4.3
Food stores	4.4	4.2	4.2	4.2	4.2	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6
FINANCE, INSURANCE, AND REAL ESTATE	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.3	6.3	6.3
Banking	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
SERVICES	30.7	29.9	30.2	30.6	31.0	31.0	31.0	30.9	30.7	30.9	30.9	30.7	30.4
Health services	13.4	13.2	13.2	13.3	13.4	13.4	13.5	13.5	13.6	13.5	13.6	13.6	13.6
GOVERNMENT	18.0	18.5	18.6	18.6	18.4	18.4	17.6	17.0	17.0	17.7	18.2	18.2	18.2
State government (includes education)	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Local government	15.2	15.6	15.8	15.8	15.5	15.5	14.8	14.1	14.2	14.9	15.3	15.4	15.3
Local government education	9.0	9.4	9.6	9.6	9.4	9.3	8.6	7.9	7.9	8.7	9.2	9.2	9.1
Local government, except education	6.2	6.2	6.2	6.1	6.1	6.2	6.2	6.3	6.3	6.1	6.2	6.1	6.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

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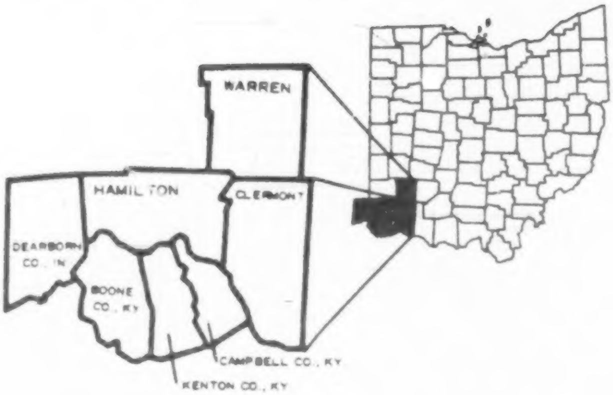
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA

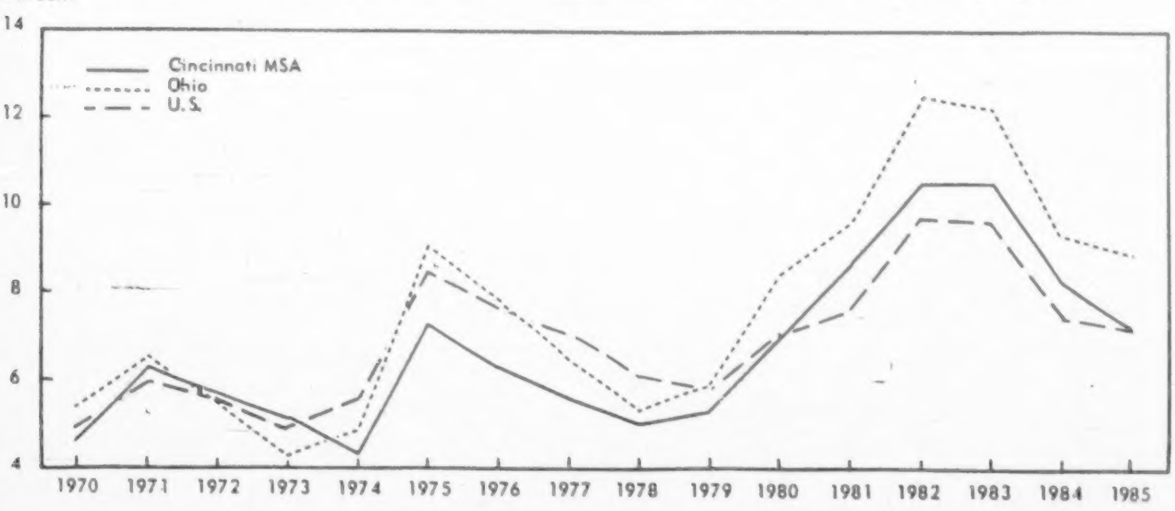


The estimated annual average civilian labor force in the Cincinnati metropolitan area, based on place of residence, rose 12,500 from 1984 to 708,300 in 1985. Total employment increased 18,800 over the year; unemployment dropped 6,400 to a 1985 total of 51,000. The unemployment rate declined from 8.2 percent in 1984 to 7.2 percent in 1985 (see table, page 59).

Total nonagricultural wage and salary employment rose 4.6 percent, from 600,800 in 1984 to 628,200 in 1985 (see table, page 59). Growth in retail trade and services contributed heavily to the continued recovery during the year. However, employment advances were recorded in all major employment sectors in the area.

The industries affected most in the downturn between 1979 and 1983 were nonelectrical machinery, construction, fabricated metal products, and food and kindred products. In 1985, construction and nonelectrical machinery continued the recovery begun in 1984. However, employment in fabricated metal products remained constant and the number of jobs in food and kindred products continued to decline in 1985. Other industries losing employment from 1984 were electric and electronic equipment and apparel.

CINCINNATI MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Cincinnati Primary Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b] Cincinnati	Unemployment Rate[b] Ohio	Unemployment Rate[b] U.S.
1970	543.0	518.0	25.0	4.6	5.4	4.9
1971	550.0	516.0	34.0	6.2	6.5	5.9
1972	561.0	529.0	32.0	5.7	5.5	5.6
1973	572.0	543.0	29.0	5.1	4.3	4.9
1974	595.3	569.8	25.5	4.3	4.8	5.6
1975	595.3	551.6	43.6	7.3	9.1	8.5
1976	604.8	566.6	38.2	6.3	7.8	7.7
1977	623.4	588.7	34.7	5.6	6.5	7.1
1978	648.3	615.8	32.5	5.0	5.4	6.1
1979	663.4	628.1	35.3	5.3	5.9	5.8
1980	676.2	628.8	47.5	7.0	8.4	7.1
1981	678.5	619.3	59.1	8.7	9.6	7.6
1982	684.3	612.4	71.9	10.5	12.5	9.7
1983	687.6	615.2	72.4	10.5	12.2	9.6
1984	695.9	638.4	57.5	8.3	9.4	7.5
1985	708.3	657.3	51.0	7.2	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

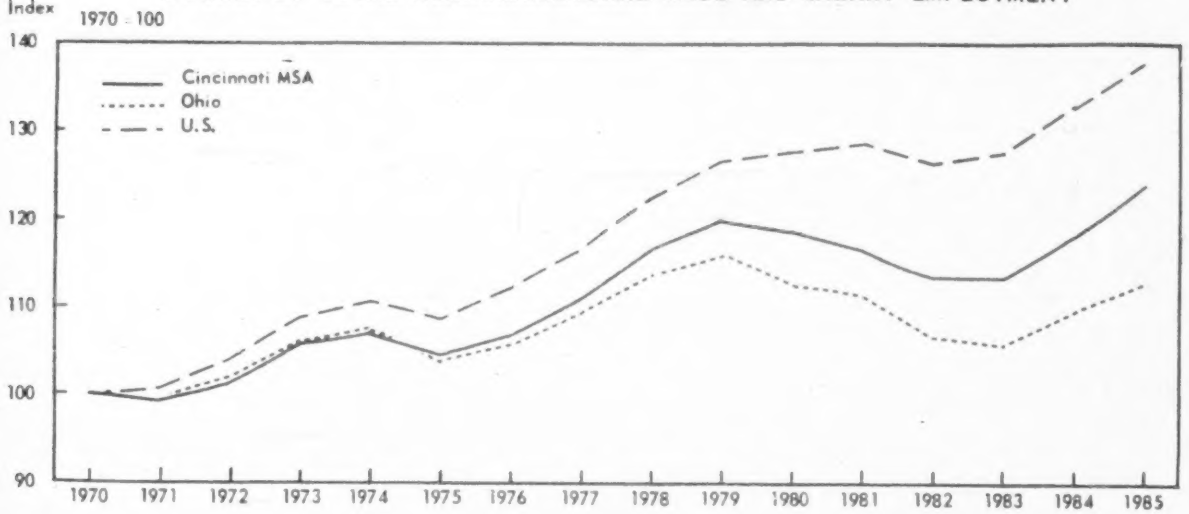
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE CINCINNATI METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

Industry	Employment (in thousands) 1979	1983	1985	Employment Change 1979-1983	1983-1985	Percent Recovery Cincinnati	Ohio
TOTAL	607.4	575.6	628.2	-31.8	52.6	165.4	72.9
MANUFACTURING	173.1	140.4	147.2	-32.7	6.8	20.8	18.1
Durable Goods	98.7	77.0	83.1	-21.7	6.1	28.1	17.7
Fabricated metal products	16.7	11.5	10.9	-5.2	-0.6	-	20.1
Machinery, except electrical	26.7	19.4	21.6	-7.3	2.2	30.1	17.2
Metalworking machinery	12.9	8.6	9.6	-4.3	1.0	23.3	18.2
Electric and electronic equipment	9.4	8.1	7.9	-1.3	-0.2	-	3.9
Transportation equipment	27.4	24.0	27.9	-3.4	3.9	114.7	58.2
Motor vehicles and equipment	12.7	9.2	10.1	-3.5	0.9	25.7	37.0
Nondurable Goods	74.5	63.4	64.1	-11.1	0.7	6.3	19.5
Food and kindred products	17.9	13.5	12.7	-4.4	-0.8	-	-
Printing and publishing	13.0	11.6	12.4	-1.4	0.8	57.1	79.2
Chemicals and allied products	22.5	21.2	21.1	-1.3	-0.1	-	-
CONSTRUCTION	27.4	20.4	23.4	-7.0	3.0	[illegible]	44.7
TRANSPORTATION AND PUBLIC UTILITIES	34.2	31.4	33.7	-2.8	2.3	82.1	11.9
Communication, electric, gas services	13.2	14.7	14.8	1.5	0.1	+	-
WHOLESALE TRADE	37.8	36.5	41.0	-1.3	4.5	346.2	233.0
RETAIL TRADE	102.2	104.7	118.5	2.5	13.8	+	251.0
FINANCE, INSURANCE, AND REAL ESTATE	32.1	32.8	35.3	0.7	2.5	+	+
SERVICES	117.4	129.7	147.5	12.3	17.8	+	+
GOVERNMENT	82.8	79.2	81.1	-3.6	1.9	52.8	48.0
Federal government	13.3	12.4	13.0	-0.9	0.6	66.7	155.0
State government	17.6	17.8	18.2	0.2	0.4	+	+
Local government	51.8	49.0	49.9	-2.8	0.9	32.1	16.1

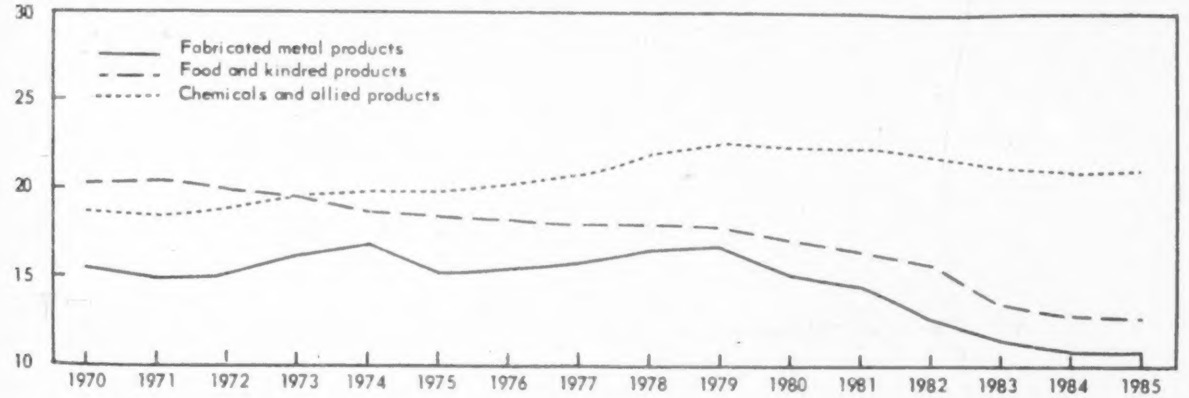
+ No downturn, 1979-1983

- No upturn, 1983-1985

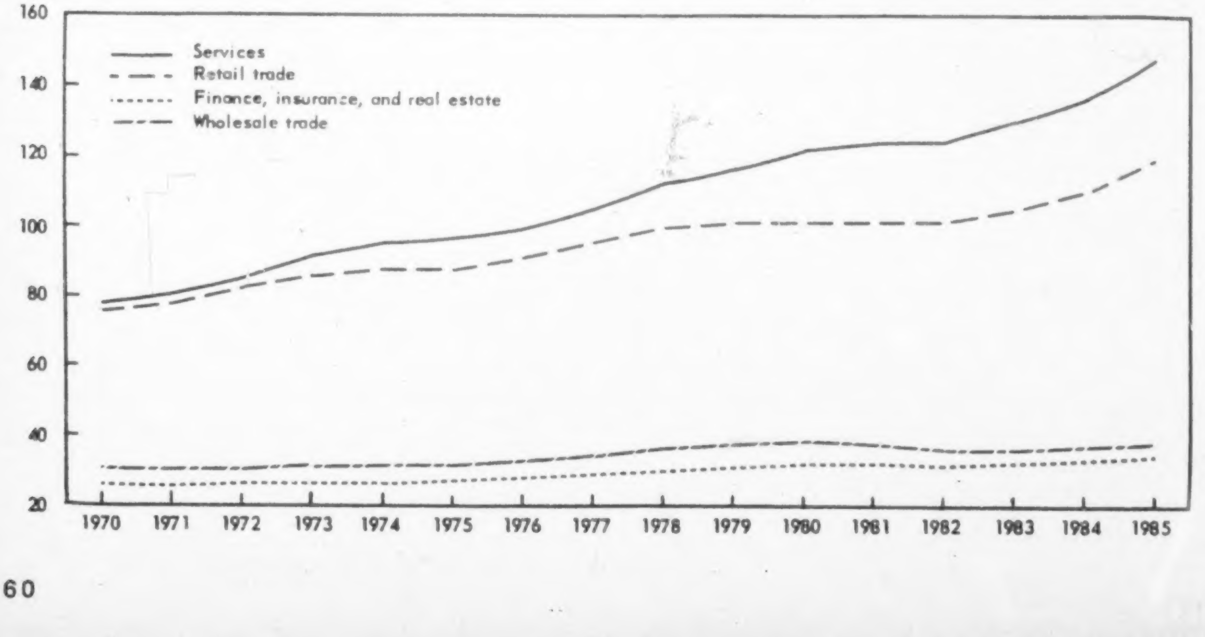
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

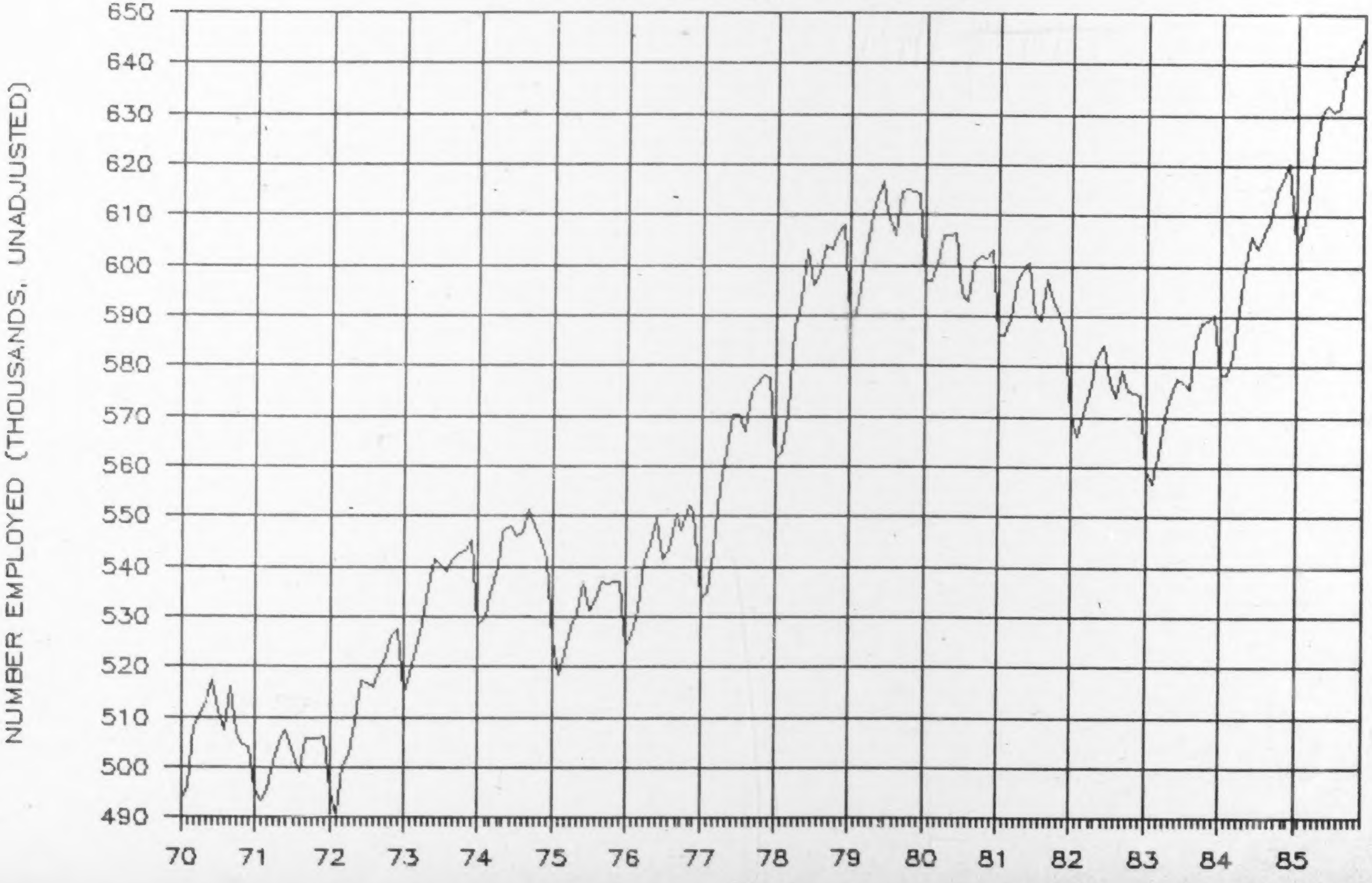


CINCINNATI MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



CINCINNATI PMSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	628.2	604.7	605.7	612.7	624.1	630.3	632.0	630.6	631.4	638.9	639.3	642.9	645.7
MANUFACTURING	147.2	144.3	144.3	145.2	146.3	147.1	147.3	147.5	148.1	148.9	148.5	149.5	149.5
Durable Goods[b]	83.1	81.4	81.2	82.2	82.5	82.9	83.0	83.2	83.6	84.0	84.2	84.1	84.6
Fabricated metal products	10.9	10.5[e]	10.7	11.0	10.8	11.1	11.1	10.9	10.8	11.0	11.0	10.9	10.9
Fabricated structural metal products	3.9	3.8	3.8	4.1	3.9	4.1	4.1	4.0	3.8	4.0	4.0	3.8	3.9
Machinery, except electrical	21.6	21.6	21.6	21.6	21.8	21.6	21.6	21.6	21.6	21.5	21.6	21.6	21.7
Metalworking machinery	9.6	9.7	9.7	9.7	9.8	9.6	9.6	9.6	9.6	9.6	9.6	9.5	9.6
General industrial machinery	3.0	3.0	3.0	3.0	3.1	3.0	3.0	2.9	2.9	2.9	2.9	2.9	3.0
Electric and electronic equipment	7.9	8.3	8.2	8.1	7.9	7.9	7.7	7.7	7.8	7.8	7.6	7.6	7.6
Transportation equipment	27.9	26.9	26.8	27.1	27.2	27.4	27.8	28.2	28.5	28.5	28.8	29.0	29.2
Motor vehicles and equipment	10.1	10.2	10.1	10.2	10.1	10.1	10.1	10.0	10.0	10.1	9.9	10.0	10.1
Nondurable Goods[c]	64.1	62.9	63.1	63.0	63.7	64.2	64.3	64.3	64.5	64.9	64.3	65.3	65.0
Food and kindred products	12.7	12.4	12.3	12.4	12.7	12.6	12.8	12.8	13.0	12.9	13.0	12.9	12.9
Beverages	4.1	4.0	3.9	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.1
Apparel and other textile products	3.7	3.5	3.5	3.6	3.7	3.7	3.6	3.5	3.7	3.8	3.9	3.8	3.7
Paper and allied products	6.0	5.8	6.0	6.0	6.1	6.1	6.2	6.1	6.0	6.0	6.0	6.2	6.1
Printing and publishing	12.4	12.3	12.4	12.2	12.2	12.5	12.3	12.5	12.4	12.5	12.5	12.6	12.5
Commercial printing	5.4	5.4	5.3	5.3	5.3	5.3	5.3	5.5	5.3	5.5	5.5	5.5	5.5
Chemicals and allied products	21.1	20.9	20.8	20.7	20.9	21.0	21.2	21.3	21.3	21.5	20.8[e]	21.6	21.5
Rubber and misc. plastics products	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.2	5.2	5.2	5.2	5.4	5.2
NONMANUFACTURING[d]	481.0	460.4	461.3	467.5	477.8	483.2	484.7	483.1	483.3	490.0	490.8	493.4	496.2
CONSTRUCTION	23.4	19.8	19.2	20.9	22.4	23.7	24.2	24.9	25.4	25.5	25.8	25.1	24.0
TRANSPORTATION AND PUBLIC UTILITIES	33.7	32.7	32.9	33.3	33.9	33.9	34.1	33.8	33.7	33.9	34.0	33.9	33.8
Trucking and warehousing	9.8	9.2	9.2	9.5	9.7	9.8	9.9	9.8	9.6	10.0	10.1	10.2	10.3
Communication, electric, gas services	14.8	14.7	14.7	14.7	14.7	14.7	14.8	14.9	14.9	14.8	14.8	14.7	14.7
WHOLESALE TRADE	41.0	40.1	40.2	40.4	40.6	41.1	41.1	41.3	41.3	41.3	41.5	41.7	41.7
Wholesale trade-durable goods	24.4	23.9	24.0	24.0	24.2	24.5	24.4	24.6	24.5	24.5	24.6	24.7	24.7

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	118.5	114.7	113.0	114.6	116.0	117.7	118.1	118.8	119.5	120.3	121.2	122.6	125.8
General merchandise stores	19.2	19.4	18.5	19.0	18.6	18.7	18.6	18.6	18.4	19.0	19.8	20.3	22.0
FINANCE, INSURANCE, AND REAL ESTATE	35.3	34.2	34.5	34.5	34.8	35.4	35.5	35.9	35.8	35.7	35.7	36.0	36.1
Banking	7.8	7.5	7.6	7.5	7.6	7.7	7.8	8.0	8.0	7.9	7.9	7.9	8.0
Insurance carriers	11.3	11.0	11.1	11.2	11.2	11.3	11.4	11.5	11.5	11.4	11.5	11.6	11.5
SERVICES	147.5	137.9	139.8	141.9	147.1	148.9	151.0	151.6	151.4	151.7	149.0	149.7	150.4
Hotels and other lodging places	6.1	5.6	5.6	5.7	6.0	6.2	6.3	6.4	6.4	6.3	6.2	6.2	6.1
Personal services	7.5	7.3	7.3	7.4	7.7	7.6	7.6	7.5	7.5	7.5	7.6	7.7	7.7
Business services	32.6	29.6	30.3	31.0	31.9	32.3	32.8	33.1	33.4	33.7	34.2	34.3	34.7
Amusement and recreation services	7.6	5.0	5.1	5.5	8.2	9.0	10.3	10.7	10.6	9.5	5.5	5.8	6.2
Health services	46.5	46.0	46.1	46.1	46.2	46.5	47.0	46.9	46.7	46.3	46.5	46.6	46.6
GOVERNMENT	81.1	80.7	81.4	81.6	82.5	82.0	80.4	78.5	75.7	81.1	83.1	84.0	84.0
Federal government	13.0	12.8	13.2	13.2	13.5	13.1	13.1	12.9	12.8	12.8	12.7	12.8	12.9
State government	18.2	18.2	18.7	18.7	18.9	18.5	17.9	16.7	16.5	17.7	19.0	19.1	19.1
State government education	10.9	10.3	11.4	11.4	11.6	11.2	10.5	9.2	9.1	10.3	11.8	11.8	11.6
State government, except education	7.3	7.3	7.3	7.3	7.3	7.3	7.4	7.5	7.4	7.4	7.2	7.3	7.5
Local government	49.9	49.7	49.5	49.7	50.1	50.5	49.3	46.9	46.4	50.6	51.5	52.2	52.1
Local government education	28.2	28.4	28.7	28.6	28.9	29.2	27.3	24.7	24.5	28.5	29.5	30.3	30.3
Local government, except education	21.6	21.3	20.9	21.0	21.2	21.4	22.1	22.2	21.9	22.1	22.0	21.9	21.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
[illegible]hus 43216 3-31-86 RS-790-1-3 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.67	$10.87	$10.81	$10.78	$10.69	$10.56	$10.57	$10.47	$10.54	$10.66	$10.60	$10.72	$10.82
Durable Goods[b]	10.65	10.89	10.58	10.67	10.58	10.47	10.55	10.36	10.57	10.68	10.66	10.82	10.90
Fabricated metal products	9.47	9.43	9.41	9.37	9.49	9.46	9.49	9.45	9.59	9.61	9.41	9.53	9.41
Fabricated structural metal products ..	9.78	9.65	9.75	9.69	9.98	9.82	9.78	9.63	9.71	9.91	9.71	9.88	9.82
Machinery, except electrical	9.80	9.86	9.77	9.76	9.73	9.66	9.76	9.66	9.82	9.92	9.89	9.83	9.94
Metalworking machinery	10.71	10.86	10.77	10.73	10.72	10.64	10.61	10.48	10.61	10.79	10.64	10.75	10.92
General industrial machinery	9.19	9.05	9.02	9.04	9.01	9.04	9.23	9.30	9.29	9.32	9.27	9.31	9.46
Electric and electronic equipment	8.76	8.45	8.65	8.68	8.65	8.69	8.67	8.60	8.78	8.91	9.03	9.10	9.07
Transportation equipment	14.24	14.68	14.44	14.36	14.20	14.05	14.18	13.66	14.11	14.13	14.12	14.32	14.53
Motor vehicles and equipment	15.17	16.00	15.84	15.26	14.99	14.90	15.03	14.23	14.81	14.99	15.09	15.16	15.55
Nondurable Goods[c]	10.71	10.85	11.05	10.90	10.80	10.67	10.60	10.59	10.51	10.64	10.53	10.62	10.74
Food and kindred products	11.84	11.67	11.86	11.83	11.84	11.69	11.66	11.87	11.76	12.03	11.94	11.95	11.96
Beverages	11.74	11.41	11.67	11.54	11.65	11.81	11.71	11.86	11.77	11.98	11.84	11.81	11.84
Apparel and other textile products	5.62	6.12	6.22	5.89	5.69	5.51	5.46	5.53	5.46	5.54	5.44	5.41	5.43
Paper and allied products	9.47	9.30	9.34	9.32	9.55	9.32	9.52	9.39	9.48	9.53	9.57	9.59	9.65
Printing and publishing	10.87	10.72	10.80	11.03	10.70	10.81	10.64	10.73	10.73	10.80	10.87	11.13	11.45
Commercial printing	11.57	11.19	11.36	11.68	11.42	11.59	11.26	11.66	11.46	11.50	11.43	11.88	12.24
Chemicals and allied products	12.34	13.03	13.11	12.82	12.52	12.41	12.26	12.05	12.00	12.07	11.88	11.95	11.92
Rubber and misc. plastics products	8.61	8.20	8.41	8.29	8.71	8.59	8.65	8.72	8.38	8.48	8.79	8.90	9.08
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	12.61	12.24	12.33	12.34	12.43	12.56	12.56	12.50	12.84	12.86	12.87	12.88	12.90
WHOLESALE TRADE	9.20	9.06	9.12	9.09	9.18	9.24	9.18	9.16	9.19	9.29	9.28	9.25	9.32
RETAIL TRADE[d]	5.42	5.37	5.40	5.42	5.37	5.41	5.40	5.41	5.41	5.43	5.47	5.42	5.49
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-4-3 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.4	42.3	38.9	41.7	41.2	41.4	41.1	40.9	40.9	41.7	41.7	42.2	42.5
Durable Goods[b]	41.2	42.3	37.9	41.5	41.1	41.0	41.0	40.4	40.8	41.9	41.8	42.5	42.6
Fabricated metal products	41.4	41.2	38.3	41.0	41.6	42.0	40.9	42.2	42.8	43.0	41.1	41.5	41.6
Fabricated structural metal products	42.3	41.1	36.4	41.7	41.2	43.7	41.8	44.5	46.1	46.4	41.0	41.5	42.6
Machinery, except electrical	41.2	41.3	39.2	41.2	40.6	40.3	40.9	40.2	40.9	41.5	42.5	42.9	43.3
Metalworking machinery	41.3	41.7	39.2	42.3	40.8	40.2	40.6	39.9	40.9	41.6	41.8	43.5	43.9
General industrial machinery	40.5	40.5	38.1	40.5	38.9	40.1	41.5	39.1	41.9	41.1	40.4	41.2	42.8
Electric and electronic equipment	40.8	40.8	38.5	40.7	39.3	40.5	40.4	39.8	40.8	41.0	41.9	42.5	43.7
Transportation equipment	42.8	45.4	36.7	43.3	42.8	42.5	42.9	41.6	41.3	43.8	43.7	44.4	44.5
Motor vehicles and equipment	43.9	47.6	40.0	43.6	43.0	44.0	43.9	41.8	41.1	44.8	44.9	44.7	46.8
Nondurable Goods[c]	41.5	42.3	40.0	41.9	41.5	41.7	41.2	41.5	41.0	41.5	41.5	41.9	42.5
Food and kindred products	42.3	42.9	41.1	43.0	41.9	43.0	41.9	43.3	41.6	43.3	42.2	41.4	41.7
Beverages	41.4	40.6	40.7	40.9	41.7	40.9	41.7	42.2	42.0	43.3	40.7	40.8	41.0
Apparel and other textile products	37.4	35.1	33.4	36.7	35.4	37.8	37.1	36.6	37.7	39.2	40.2	39.3	39.3
Paper and allied products	41.2	41.0	37.9	41.2	41.6	41.4	40.8	40.6	42.2	41.4	41.5	42.3	42.6
Printing and publishing	39.9	40.9	38.7	40.2	39.6	39.9	39.5	39.8	39.4	39.1	38.8	40.7	41.7
Commercial printing	42.1	43.0	40.5	41.6	41.1	41.5	40.9	42.0	41.0	41.0	41.3	43.7	46.9
Chemicals and allied products	42.2	43.3	42.0	43.2	42.4	41.9	42.0	41.9	41.7	42.3	41.9	41.6	42.1
Rubber and misc. plastics products	45.0	44.8	41.9	43.8	45.2	45.8	44.8	45.6	41.4	43.6	47.3	46.8	49.3
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	39.4	39.3	38.8	39.3	39.4	39.7	39.9	39.7	39.7	39.6	39.4	39.1	39.5
WHOLESALE TRADE	40.4	40.2	39.1	40.3	39.9	40.6	40.5	40.7	40.9	40.5	40.6	40.6	40.9
RETAIL TRADE	29.9	29.6	28.3	29.7	29.7	29.9	30.3	30.5	30.4	30.4	29.7	29.7	30.1
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-3-3 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$441.74	$459.80	$420.51	$449.53	$440.43	$437.18	$434.43	$428.22	$431.09	$444.52	$442.02	$452.38	$459.85
Durable Goods[b]	438.78	460.65	400.98	442.81	434.84	429.27	432.55	418.54	431.26	447.49	445.59	459.85	464.34
Fabricated metal products	392.06	388.52	360.40	384.17	394.78	397.32	388.14	398.79	410.45	413.23	386.75	395.50	391.46
Fabricated structural metal products	413.69	396.62	354.90	404.07	411.18	429.13	408.80	428.54	447.63	459.82	398.11	410.02	418.33
Machinery, except electrical	403.76	407.22	382.98	402.11	395.04	389.30	399.18	388.33	401.64	411.68	420.33	421.71	430.40
Metalworking machinery	442.32	452.86	422.18	453.86	437.38	427.73	430.77	418.15	433.95	448.86	444.75	467.63	479.39
General industrial machinery	372.20	366.53	343.66	366.12	350.49	362.50	383.05	363.63	389.25	383.05	374.51	383.57	404.89
Electric and electronic equipment	357.41	344.76	333.03	353.28	339.95	351.95	350.27	342.28	358.22	361.21	378.36	386.75	396.36
Transportation equipment	609.47	666.47	529.95	621.79	607.76	597.13	608.32	568.26	582.74	620.21	617.04	635.81	646.59
Motor vehicles and equipment	665.96	761.60	633.60	665.34	644.57	655.60	659.82	594.81	608.69	671.55	677.54	677.65	727.74
Nondurable Goods[c]	444.47	458.96	442.00	456.71	448.20	444.94	436.72	439.49	430.91	441.56	437.00	444.98	456.45
Food and kindred products	500.83	500.64	487.45	508.69	496.10	502.67	488.55	513.97	489.22	520.90	503.87	494.73	498.73
Beverages	486.04	463.25	474.97	471.99	485.81	483.03	488.31	500.49	494.34	518.73	481.89	481.85	485.44
Apparel and other textile products	210.19	214.81	207.75	216.16	201.43	208.28	202.57	202.40	205.84	217.17	218.69	212.61	213.40
Paper and allied products	390.16	381.30	353.99	383.98	397.28	385.85	388.42	381.23	400.06	394.54	397.16	405.66	411.09
Printing and publishing	433.71	438.45	417.96	443.41	423.72	431.32	420.28	427.05	422.76	422.28	421.76	452.99	477.47
Commercial printing	487.10	481.17	460.08	485.89	469.36	480.99	460.53	489.72	469.86	471.50	472.06	519.16	574.06
Chemicals and allied products	520.75	564.20	550.62	553.82	530.85	519.98	514.92	504.90	500.40	510.56	497.77	497.12	501.83
Rubber and misc. plastics products	387.45	367.36	352.38	363.10	393.69	393.42	387.52	397.63	346.93	369.73	415.77	416.52	447.64
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	496.83	481.03	478.40	484.96	489.74	498.63	501.14	496.25	509.75	509.26	507.08	503.61	509.55
WHOLESALE TRADE	371.68	364.21	356.59	366.33	366.28	375.14	371.79	372.81	375.87	376.25	376.77	375.55	381.19
RETAIL TRADE[d]	162.06	158.95	152.82	160.97	159.49	161.76	163.62	165.01	164.46	165.07	162.46	160.97	165.25
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	237.36	233.36	230.53	235.69	236.86	235.19	237.37	237.32	233.77	241.28	240.57	242.78	242.90

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-2-3 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	600.8	578.4	578.6	582.3	591.3	600.2	606.1	603.7	606.4	608.9	614.6	618.3	620.5
MANUFACTURING	145.0	142.3	142.3	142.9	143.8	144.8	145.9	146.4	147.0	144.0	146.8	146.9	147.1
Durable Goods[b]	81.2	79.2	79.5	79.8	80.3	80.9	81.4	81.7	82.7	79.9	82.6	82.9	83.3
Fabricated metal products	10.9	11.0	11.1	11.1	11.0	10.9	10.9	10.9	10.9	10.6[e]	10.8[e]	10.7[e]	10.6[e]
Fabricated structural metal products ..	3.9	3.9	3.9	3.9	3.8	3.7	3.7	3.7	3.9	4.0	4.1	4.0	3.9
Machinery, except electrical	21.5	20.6	21.0	21.0	21.3	21.5	21.6	21.7	21.9	21.7	21.9	21.8	21.8
Metalworking machinery	9.8	9.5	9.6	9.7	9.7	9.8	9.9	9.8	10.0	9.9	9.9	9.8	9.8
General industrial machinery	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.2	3.2	3.2	3.1
Electric and electronic equipment	8.4	8.3	8.4	8.3	8.3	8.5	8.4	8.3	8.4	8.4	8.5	8.4	8.4
Transportation equipment	25.6	25.5	25.3	25.3	25.4	25.5	25.6	25.7	26.0	23.6	26.0	26.4	26.8
Motor vehicles and equipment	10.1	10.5	10.3	10.3	10.3	10.3	10.2	10.1	10.3	7.7	10.0	10.2	10.3
Nondurable Goods[c]	63.8	63.1	62.7	63.1	63.5	63.9	64.5	64.7	64.3	64.1	64.2	64.1	63.9
Food and kindred products	12.8	12.8	12.7	12.7	12.7	12.7	13.1	13.1	12.9	12.7	12.8	12.8	12.7
Beverages	4.1	4.0	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.0	4.2	4.2	4.1
Apparel and other textile products	3.9	3.8	3.7	3.8	4.0	4.0	4.0	3.9	3.9	3.9	4.0	3.9	3.8
Paper and allied products	5.9	5.9	5.8	5.8	5.8	5.9	6.0	5.9	6.0	5.9	5.9	5.9	5.8
Printing and publishing	12.2	11.9	11.9	12.0	12.1	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.5
Commercial printing	5.2	5.0	5.0	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.4	5.4	5.4
Chemicals and allied products	20.9	20.9	20.8	20.8	20.8	20.9	21.0	21.1	21.0	21.0	21.0	20.8	21.0
Rubber and misc. plastics products	5.1	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2	5.2
NONMANUFACTURING[d]	455.8	436.1	436.3	439.4	447.5	455.5	460.2	457.3	459.5	464.9	467.8	471.3	473.4
CONSTRUCTION	21.9	19.3	18.4	19.1	20.2	21.6	22.8	23.4	23.9	23.2	24.1	23.8	22.8
TRANSPORTATION AND PUBLIC UTILITIES	32.5	31.4	31.4	31.5	31.9	32.1	32.5	32.8	32.9	33.3	33.3	33.2	33.3
Trucking and warehousing	9.3	8.8	8.9	9.0	9.1	9.1	9.3	9.6	9.6	9.6	9.6	9.6	9.6
Communication, electric, gas services ..	14.6	14.9	14.5	14.5	14.4	14.4	14.5	14.8	14.7	14.7	14.8	14.7	14.8
WHOLESALE TRADE	39.3	38.1	38.3	38.4	38.9	39.1	39.6	39.7	39.8	39.8	39.9	40.3	40.3
Wholesale trade-durable goods	23.2	22.2	22.4	22.5	22.8	22.9	23.2	23.4	23.5	23.5	23.8	23.9	24.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	111.4	105.6	104.4	104.9	108.1	109.9	110.5	111.7	112.7	114.4	115.8	118.2	120.3
General merchandise stores	19.3	19.5	18.6	18.6	18.4	18.3	18.4	18.5	18.6	20.0	19.9	21.1	22.1
FINANCE, INSURANCE, AND REAL ESTATE	33.9	33.0	33.0	33.2	33.3	33.4	34.1	34.4	34.3	34.3	34.4	34.6	34.7
Banking	7.4	7.4	7.3	7.3	7.3	7.3	7.4	7.5	7.5	7.5	7.4	7.4	7.5
Insurance carriers	10.9	10.8	10.8	10.7	10.7	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1
SERVICES	137.1	129.1	129.6	131.2	134.2	138.0	140.7	140.6	141.8	141.5	139.3	139.8	140.1
Hotels-and other lodging places	6.0	5.8	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.1	6.0	6.0	5.9
Personal services	6.9	6.8	6.7	6.8	6.9	6.7	6.9	6.8	6.9	6.8	7.0	7.1	7.1
Business services	28.2	25.8	25.9	26.5	26.6	27.4	27.7	29.1	29.7	29.9	29.6	29.8	30.2
Amusement and recreation services	7.0	4.9	4.7	5.0	6.2	8.5	8.9	9.8	9.8	8.8	5.7	5.8	5.7
Health services	45.2	44.3	44.4	44.6	44.8	45.2	46.3	45.2	45.5	45.6	45.6	45.7	45.8
GOVERNMENT	79.3	79.4	80.8	80.8	80.5	80.9	79.6	74.3	73.8	78.0	80.5	81.1	81.5
Federal government	12.8	12.3	12.7	12.7	12.7	12.7	12.8	12.7	12.8	12.8	12.7	13.0	13.1
State government	18.0	18.0	18.4	18.3	18.4	18.4	18.5	16.6	16.6	17.1	18.4	18.4	18.4
State government education	10.7	10.8	11.3	11.2	11.2	11.2	11.2	9.2	9.3	9.9	11.2	11.2	11.1
State government, except education	7.2	7.2	7.2	7.1	7.1	7.1	7.3	7.4	7.3	7.3	7.2	7.2	7.3
Local government	48.6	49.2	49.7	49.8	49.5	49.8	48.3	45.0	44.3	48.1	49.3	49.6	50.0
Local government education	27.1	28.1	28.8	28.7	28.2	28.5	26.2	22.5	22.3	26.5	27.9	28.2	29.0
Local government, except education	21.5	21.1	21.0	21.1	21.2	21.3	22.1	22.5	22.0	21.6	21.4	21.4	21.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-3 (1984)

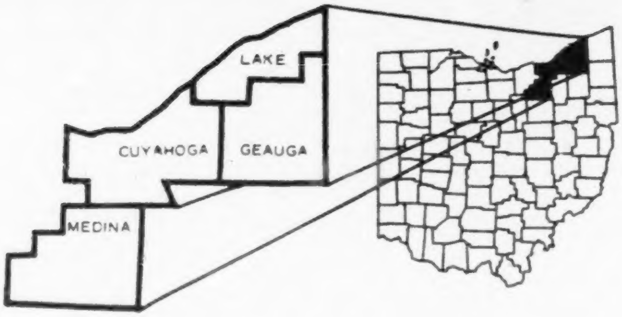
Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-3 (1983)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	575.6	559.5	556.7	562.4	570.3	574.6	577.8	576.7	575.6	585.2	588.7	589.3	590.2
MANUFACTURING	140.4	138.7	137.3	138.1	139.4	138.7	140.2	140.0	142.0	140.8	143.8	144.1	141.8
Durable Goods[b]	77.0	75.8	74.4	75.1	75.8	75.6	76.6	77.1	78.6	77.1	80.0	80.1	77.9
Fabricated metal products	11.5	11.8	11.7	11.6	11.7	11.5	11.4	11.3	11.4	11.5	11.4	11.4	11.1
Fabricated structural metal products	3.8	3.7	3.6	3.7	3.8	3.7	3.8	3.8	4.0	4.0	3.9	3.9	3.9
Machinery, except electrical	19.4	19.8	18.8	18.8	18.9	18.7	18.9	19.3	19.6	19.8	19.8	20.1	20.5
Metalworking machinery	8.6	9.1	8.2	8.1	8.3	8.1	8.3	8.6	8.7	8.9	9.0	9.1	9.4
General industrial machinery	3.4	3.4	3.4	3.5	3.4	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.4
Electric and electronic equipment	8.1	7.8	7.8	7.9	8.0	8.0	8.1	8.2	8.1	8.2	8.2	8.3	8.3
Transportation equipment	24.0	23.6	23.3	23.5	23.7	23.8	24.3	24.3	25.0	22.6	25.6	25.6	23.0
Motor vehicles and equipment	9.2	8.9	8.8	9.0	9.1	9.1	9.3	9.2	9.9	7.6	10.6	10.7	8.1
Nondurable Goods[c]	63.4	62.9	62.9	63.0	63.6	63.2	63.6	62.8	63.4	63.8	63.8	63.9	63.9
Food and kindred products	13.5	13.8	13.6	13.8	13.8	13.7[e]	13.6	13.1[e]	13.4	13.5	13.5	13.4	13.3
Beverages	4.2	4.3	4.1	4.3	4.2	4.1	4.1	3.9	4.1	4.2	4.2	4.2	4.1
Apparel and other textile products	3.8	3.5	3.6	3.6	3.7	3.8	3.9	4.0	3.9	4.0	3.8	3.8	3.8
Paper and allied products	5.7	5.5	5.5	5.4	5.6	5.7	5.8	5.8	5.9	5.9	5.9	5.9	6.0
Printing and publishing	11.6	11.4	11.6	11.6	11.5	11.5	11.6	11.2[e]	11.3[e]	11.4	11.7	11.8	11.9
Commercial printing	4.8	4.7	4.8	4.8	4.8	4.8	4.8	4.3	4.4	4.6	5.0	5.1	5.1
Chemicals and allied products	21.2	21.4	21.3	21.2	21.3	21.2	21.2	21.2	21.2	21.2	21.2	21.1	21.2
Rubber and misc. plastics products	4.3	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.4	4.4	4.5	4.6	4.6
NONMANUFACTURING[d]	435.2	420.8	419.3	424.2	430.9	435.9	437.6	436.8	433.6	444.3	444.9	445.2	448.4
CONSTRUCTION	20.4	16.8	16.6	17.9	18.2	19.8	20.4	21.8	22.3	22.7	23.4	22.9	22.0
TRANSPORTATION AND PUBLIC UTILITIES	31.4	30.9	31.0	31.1	31.4	31.6	31.9	32.0	28.6	32.4	32.4	32.0	32.0
Trucking and warehousing	8.9	8.6	8.7	8.7	8.7	8.7	8.9	9.0	9.1	9.3	9.3	9.2	9.2
Communication, electric, gas services	14.7	15.0	14.9	14.9	14.9	15.0	15.1	15.1	11.7[e]	15.1	14.9	14.8	14.9
WHOLESALE TRADE	36.5	35.6	35.4	35.5	35.8	36.1	36.5	36.9	36.8	37.0	37.2	37.6	37.7
Wholesale trade - durable goods	21.1	20.7	20.6	20.6	20.8	20.9	21.0	21.3	21.3	21.3	21.5	21.8	21.9
RETAIL TRADE	104.7	101.5	99.5	100.7	102.6	103.7	104.8	104.8	105.5	106.3	107.3	108.6	111.0
General merchandise stores	19.2	19.9	18.4	18.4	18.7	18.1	18.7	18.4	18.3	18.5	19.6	20.7	22.0
FINANCE, INSURANCE, AND REAL ESTATE	32.8	32.2	32.3	32.4	32.7	32.7	33.0	33.2	33.2	33.0	32.8	32.9	33.0
Banking	7.3	7.4	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.3	7.3	7.4
Insurance carriers	11.1	11.2	11.2	11.2	11.2	11.1	11.2	11.1	11.1	11.0	11.0	10.9	10.9
SERVICES	129.7	123.3	123.5	125.2	128.9	130.1	131.8	133.2	133.0	134.2	131.6	130.5	130.7
Hotels and other lodging places	5.5	4.9	4.8	5.0	5.2	5.5	5.6	5.8	5.8	5.8	5.8	5.9	5.8
Personal services	6.5	6.6	6.5	6.6	6.7	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
Business services	24.6	22.5	22.6	22.9	23.6	24.0	24.2	25.5	25.5	26.2	26.1	26.1	26.4
Amusement and recreation services	6.9	5.0	4.8	5.1	7.2	7.7	9.3	9.4	9.2	8.6	5.9	4.7	5.9
Health services	44.2	43.2	43.0	43.3	43.8	44.0	44.3	45.0	45.1	45.0	44.5	44.4	44.5
GOVERNMENT	79.2	80.2	80.8	81.1	80.9	81.5	78.8	74.4	73.8	78.4	79.9	80.3	80.5
Federal government	12.4	12.3	12.5	12.6	12.6	12.6	12.5	12.4	12.2	12.2	12.0	12.1	12.3
State government	17.8	18.3	18.5	18.4	18.4	18.4	17.7	16.4	16.4	16.9	18.0	18.2	18.1
State government education	10.6	11.0	11.1	11.1	11.1	11.1	10.4	9.0	9.1	9.7	10.9	11.2	11.0
State government, except education	7.3	7.4	7.4	7.4	7.3	7.3	7.3	7.4	7.3	7.2	7.1	7.0	7.1
Local government	49.0	49.5	49.9	50.1	49.9	50.6	48.6	45.6	45.2	49.3	49.9	49.9	50.1
Local government education	27.4	28.2	28.8	28.8	28.5	28.9	26.5	23.2	23.0	27.1	28.3	28.4	28.8
Local government, except education	21.7	21.3	21.1	21.2	21.4	21.6	22.1	22.4	22.2	22.2	21.6	21.5	21.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA

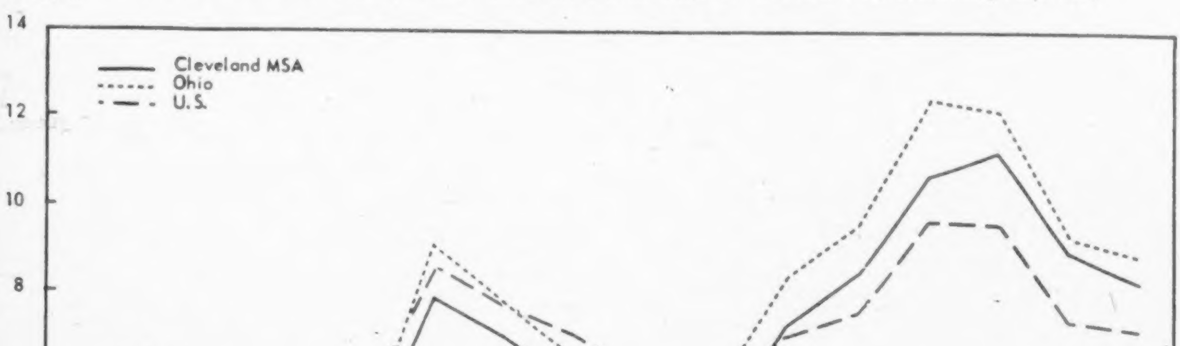


The estimated annual average civilian labor force in the Cleveland area, based on place of residence, decreased 1,500 from 1984 to 922,000 in 1985. Total employment rose 4,500 over the year, and unemployment dropped 6,000 to a 1985 total of 76,500. The unemployment rate declined from 8.9 percent in 1984 to 8.3 percent in 1985 (see table, page 71).

Cleveland's nonagricultural employment increased 14,800 over the year. However, growth realized in 1984 in fabricated metal products and nonelectrical machinery was lost in 1985, although employment in these industries remained above 1983 levels. With the exception of printing and publishing, virtually every manufacturing industry experienced employment reductions in 1985. The decline in manufacturing employment, however, was offset by an increase of 18,000 jobs in nonmanufacturing industries. Most of this gain was in services: business services increased 5,100; health services, 1,300. Retail trade also gained 5,000 jobs.

Nonfarm employment continued to recover from the recession of the early 1980's, primarily due to employment growth in nonmanufacturing industries. However, nonfarm employment remained 50,500 below the 1979 level. A slowed growth rate in durable-goods industries due to continued declines in primary metal industries, electric and electronic equipment, and transportation equipment, along with continued downturns in communication, electric, and gas services, and government, were significant contributing factors (see table, page 71). Although employment growth in wholesale trade and retail trade was noteworthy, growth in services was primarily responsible for Cleveland's continuing recovery.

CLEVELAND MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Cleveland Primary Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Cleveland	Ohio	U.S.
1970	878.9	833.5	45.4	5.2	5.4	4.9
1971	866.7	811.7	55.0	6.3	6.5	5.9
1972	873.2	825.2	48.0	5.5	5.5	5.6
1973	883.9	849.0	34.9	3.9	4.3	4.9
1974	899.1	861.4	37.7	4.2	4.8	5.6
1975	896.9	826.3	70.6	7.9	9.1	8.5
1976	897.7	834.4	63.3	7.0	7.8	7.7
1977	908.5	854.4	54.0	5.9	6.5	7.1
1978	921.7	878.5	43.2	4.7	5.4	6.1
1979	935.8	889.1	46.7	5.0	5.9	5.8
1980	937.1	869.1	68.0	7.3	8.4	7.1
1981	933.9	854.0	79.8	8.5	9.6	7.6
1982	933.4	833.2	100.2	10.7	12.5	9.7
1983	928.7	823.4	105.3	11.3	12.2	9.6
1984	923.6	841.0	82.6	8.9	9.4	7.5
1985	922.1	845.5	76.6	8.3	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

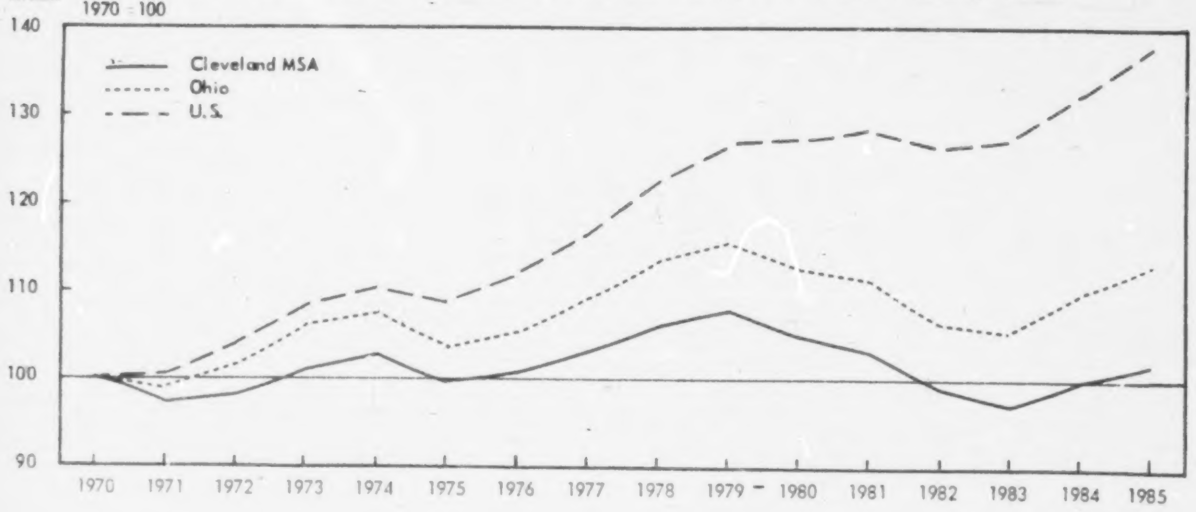
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE CLEVELAND METROPOLITAN STATISTICAL AREA

1979, 1983, and 1985

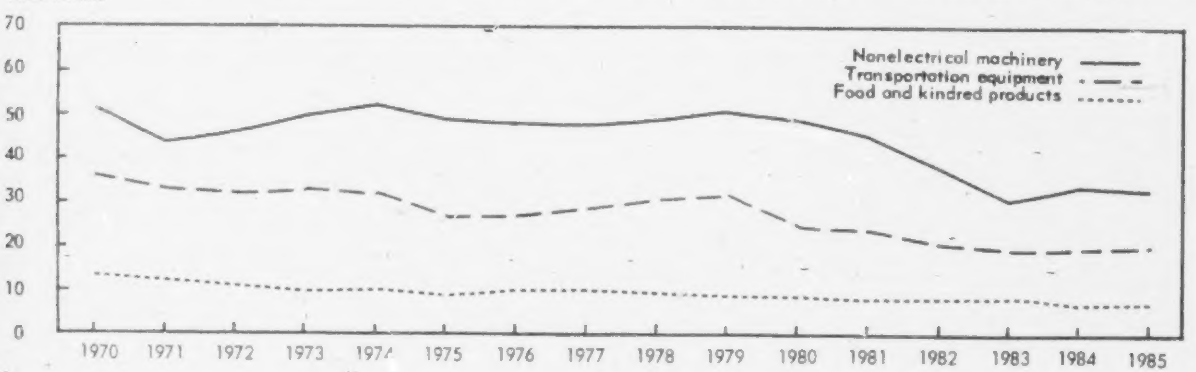
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Cleveland	Ohio
TOTAL	919.8	829.8	869.3	-90.0	39.5	43.9	72.9
MANUFACTURING	276.3	207.3	210.7	-69.0	3.4	4.9	18.1
Durable Goods	205.1	143.9	146.1	-61.2	2.2	3.6	17.7
Primary metal industries	31.6	24.1	22.6	-7.5	-1.5	-	-
Fabricated metal products	45.5	31.1	33.1	-14.4	2.0	13.9	20.1
Machinery, except electrical	50.7	30.9	33.1	-19.8	2.2	11.1	17.2
Electric and electronic equipment	26.5	21.3	19.6	-5.2	-1.7	-	3.9
Transportation equipment	31.8	20.3	19.9	-11.5	-0.4	-	58.2
Motor vehicles and equipment	24.0	13.9	12.8	-10.1	-1.1	-	37.0
Nondurable Goods	71.2	63.4	64.6	-7.8	1.2	15.4	19.5
CONSTRUCTION	33.5	25.3	27.8	-8.2	2.5	30.5	44.7
TRANSPORTATION AND PUBLIC UTILITIES	47.8	40.9	41.3	-6.9	0.4	5.8	11.9
Communication, electric, gas services	18.9	19.4	18.4	0.5	-1.0	-	-
WHOLESALE TRADE	65.3	58.9	63.0	-6.4	4.1	64.1	233.0
RETAIL TRADE	146.8	135.9	145.9	-10.9	10.0	91.7	251.0
FINANCE, INSURANCE, AND REAL ESTATE	47.9	48.4	49.4	0.5	1.0	+	+
SERVICES	182.5	195.7	214.3	13.2	18.6	+	+
GOVERNMENT	118.2	116.1	115.9	-2.1	-0.2	-	48.0

+ No downturn, 1979-1983

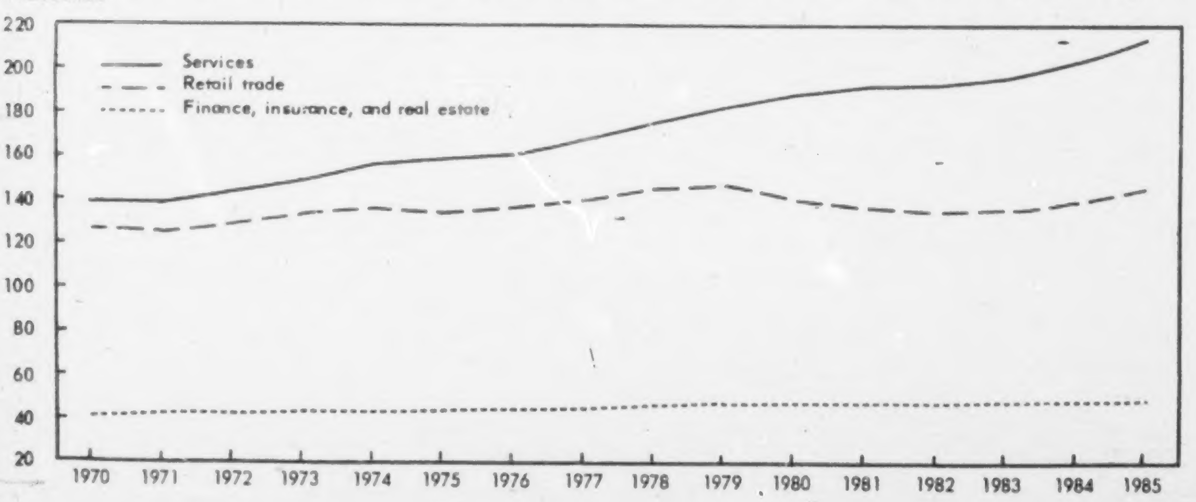
- No upturn, 1983-1985



INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



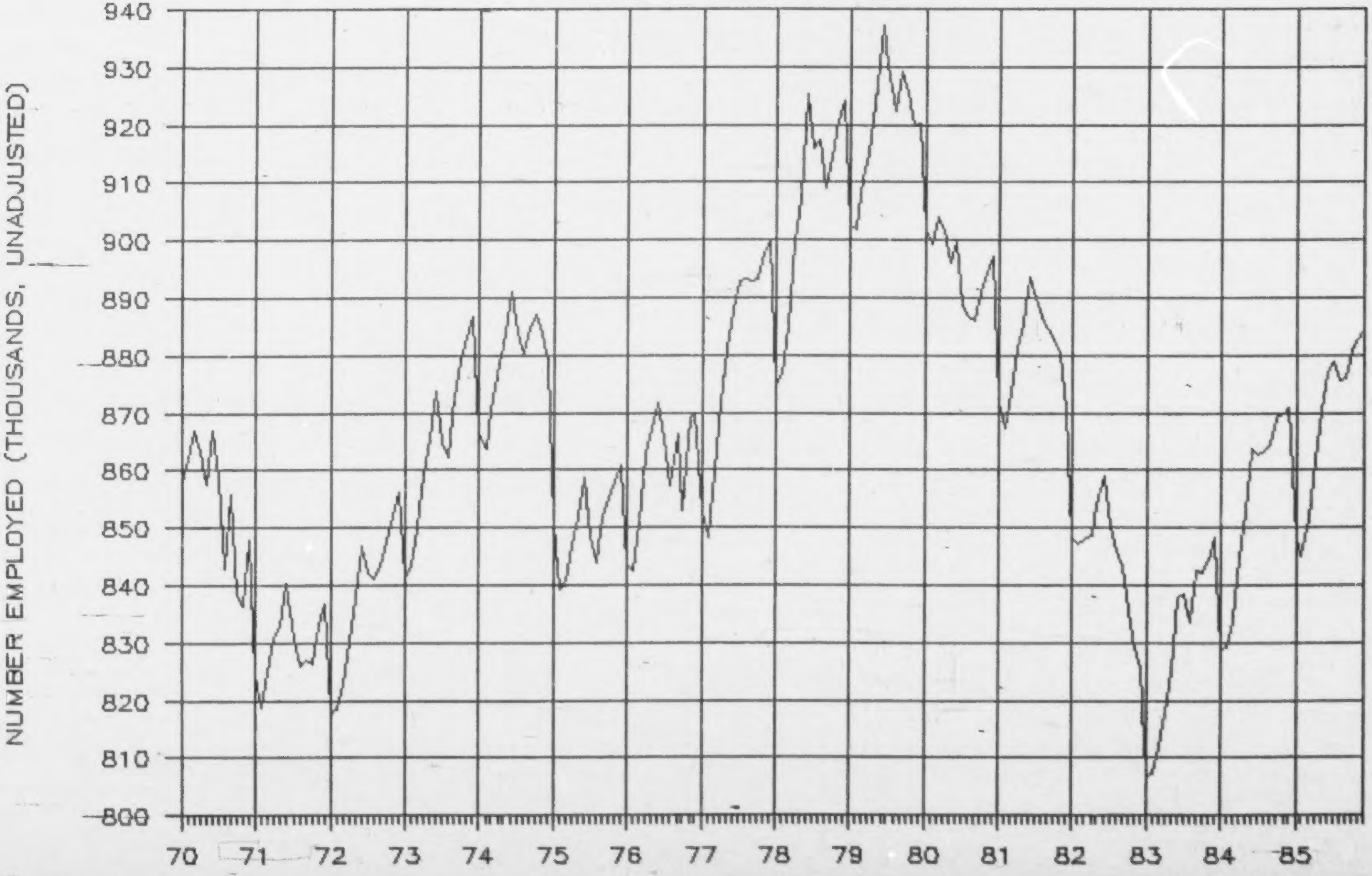
CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



CLEVELAND MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)

CLEVELAND PMSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1985^a

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	869.3	848.3	845.2	851.4	861.6	870.6	876.8	878.9	875.7	876.1	880.6	882.7	884.2
MANUFACTURING	210.7	212.9	212.1	212.3	211.3	212.0	212.3	210.7	209.0	209.4	208.9	208.9	208.3
Durable Goods^b	146.1	148.3	147.6	147.7	146.8	147.3	147.2	145.8	144.2	144.6	144.5	144.7	144.2
Primary metal industries	22.6	23.2	23.1	23.1	22.6	22.6	22.5	22.3	22.1	22.4	22.3	22.3	22.5
Blast furnace and basic steel products	10.6	10.8	10.8	11.0	10.7	10.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4
Iron and steel foundries	5.5	5.8	5.7	5.5	5.4	5.5	5.6	5.5	5.4	5.5	5.5	5.5	5.7
Fabricated metal products	33.1	33.4	33.2	33.2	33.2	33.5	33.4	32.9	33.0	33.0	32.8	33.1	32.8
Fabricated structural metal products	3.7	3.6	3.5	3.5	3.7	3.8	3.9	3.9	3.8	3.8	3.7	3.7	3.7
Screw machine products, bolts, etc.	4.8	4.9	4.8	4.8	4.8	4.8	4.8	4.7	4.7	4.8	4.8	4.8	4.8
Metal forgings and stampings	11.1	11.4	11.4	11.4	11.3	11.4	11.1	10.6	10.7	10.9	10.8	11.1	10.8
Machinery, except electrical	33.1	33.8	33.6	33.7	33.5	33.3	33.3	33.1	32.7	32.8	32.6	32.4	32.4
Construction and related machinery	3.6	4.2	4.1	4.0	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.2	3.2
Metalworking machinery	10.5	10.7	10.7	10.8	10.7	10.7	10.6	10.6	10.5	10.4	10.3	10.1	10.2
Special industry machinery	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.7	3.7	3.8	3.8	3.7	3.7
General industrial machinery	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Electric and electronic equipment	19.6	19.9	19.9	20.0	20.0	19.9	19.8	19.8	19.3	19.1	19.3	19.3	19.3
Electrical industrial apparatus	7.0	7.1	7.1	7.1	7.1	7.0	7.0	7.0	6.9	6.8	6.9	6.9	6.8
Transportation equipment	19.9	20.3	20.2	20.2	20.0	20.1	20.1	19.9	19.3	19.6	19.7	19.9	19.8
Motor vehicles and equipment	12.8	13.2	13.2	13.2	12.9	13.0	12.9	12.7	12.0	12.4	12.6	12.7	12.7
Instruments and related products	7.9	7.9	7.9	7.8	7.8	7.8	7.9	8.0	7.9	7.9	7.9	7.9	7.8
Measuring and controlling devices	4.2	4.2	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
Nondurable Goods^c	64.6	64.7	64.6	64.6	64.5	64.7	65.2	64.9	64.8	64.8	64.4	64.3	64.1
Food and kindred products	6.9	6.9	6.8	6.9	6.8	6.8	5.9	7.0	7.0	7.0	7.0	7.1	7.2
Apparel and other textile products	4.8	4.9	5.0	4.9	4.9	4.9	4.9	4.8	4.7	4.8	4.8	4.7	4.8
Paper and allied products	5.3	5.5	5.5	5.4	5.4	5.4	5.4	5.3	5.3	5.4	5.2	5.2	5.2
Printing and publishing	15.8	15.8	15.8	15.9	15.9	15.8	16.0	15.9	15.9	15.7	15.6	15.5	15.6
Chemicals and allied products	14.1	14.0	14.1	14.2	14.1	14.1	14.3	14.2	14.3	14.2	14.0	13.9	13.6
Rubber and misc. plastics products	11.8	11.8	11.8	11.6	11.7	11.7	11.8	11.6	11.7	11.8	12.1	12.0	12.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
–NONMANUFACTURING[d]	658.7	635.4	633.0	639.1	650.3	658.6	664.5	668.3	666.7	666.8	671.7	673.8	675.9
CONSTRUCTION	27.8	24.1	23.2	24.0	26.1	27.8	28.7	29.6	30.3	30.5	30.9	30.1	28.4
TRANSPORTATION AND PUBLIC UTILITIES	41.3	40.0	39.8	40.1	40.8	41.3	41.5	41.5	41.5	41.8	41.9	42.3	42.6
Trucking and warehousing	11.2	10.8	10.9	11.0	11.0	11.1	11.1	10.9	11.0	11.3	11.5	11.9	12.3
Communication, electric, gas services	18.4	18.0	18.0	18.1	18.3	18.4	18.5	18.7	18.7	18.6	18.6	18.7	18.7
WHOLESALE TRADE	63.0	62.1	61.9	62.1	62.4	62.7	63.1	63.2	63.4	63.5	63.7	63.8	64.0
Wholesale trade-durable goods	44.0	43.2	43.0	43.2	43.6	43.7	44.0	44.2	44.3	44.3	44.5	44.7	44.8
RETAIL TRADE	145.9	141.7	138.8	140.8	143.0	146.5	147.0	146.9	147.3	147.7	147.9	149.5	153.1
General merchandise stores	20.5	21.7	19.8	19.8	19.9	20.3	20.2	19.9	20.0	20.2	20.6	21.3	22.5
FINANCE, INSURANCE, AND REAL ESTATE	49.4	48.6	48.7	48.7	48.6	48.9	49.7	50.1	50.2	50.0	49.9	49.9	49.7
Banking	12.9	12.7	12.7	12.7	12.6	12.7	12.8	13.0	13.1	13.0	13.0	13.0	13.0
Credit agencies other than banks	8.0	7.9	8.0	8.0	7.9	7.9	8.0	8.1	8.1	8.0	8.0	8.0	7.9
Insurance carriers	11.5	11.1	11.2	11.2	11.4	11.5	11.7	11.7	11.7	11.7	11.5	11.5	11.3
SERVICES	214.3	203.8	204.4	206.8	211.9	214.5	215.8	216.0	216.3	219.4	221.2	220.8	220.9
Business services	45.2	41.7	41.6	42.6	44.2	45.1	45.7	45.7	46.4	46.7	47.4	47.6	47.8
Amusement and recreation services	8.0	7.2	6.5	6.9	7.7	8.7	9.2	9.4	9.7	9.1	7.5	6.9	6.9
Health services	67.1	65.5	65.6	65.7	66.4	66.7	67.3	67.7	67.9	68.0	68.3	68.2	68.1
GOVERNMENT	115.9	114.0	115.2	115.5	116.3	115.8	117.5	119.8	116.7	112.8	115.1	116.3	116.1
Federal government	19.7	19.4	19.4	19.4	19.9	19.5	19.7	19.8	19.7	19.6	19.7	19.9	20.0
State government	7.8	7.6	7.9	8.1	8.3	7.7	8.2	7.7	7.5	7.4	7.9	7.7	8.2
State government education	2.8	2.6	3.0	3.1	3.0	2.8	3.0	2.5	2.3	2.3	3.0	2.8	3.2
State government, except education	5.1	5.0	4.9	4.9	5.3	4.9	5.2	5.2	5.2	5.1	4.9	4.9	5.0
Local government	88.4	87.0	87.8	88.0	88.1	88.5	89.7	92.3	89.6	85.8	87.4[e]	88.6	87.9
Local government education	43.4	43.0	44.4	44.4	44.5	44.0	43.0	42.8	40.7	41.1	43.7	44.5	44.3
Local government, except education	45.0	44.1	43.4	43.6	43.6	44.5	46.7	49.4	48.9	44.7	43.7	44.1	43.7

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-4 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.19	$11.20	$11.13	$11.09	$11.12	$11.17	$11.19	$11.07	$11.18	$11.26	$11.24	$11.24	$11.35
Durable Goods[b]	11.78	11.77	11.69	11.65	11.71	11.74	11.78	11.66	11.80	11.89	11.86	11.84	11.99
Primary metal industries	13.34	13.39	13.24	12.97	13.14	13.23	13.41	13.04	13.52	13.62	13.25	13.55	13.72
Blast furnace and basic steel products	13.62	13.43	13.50	13.54	13.59	13.61	13.65	13.66	13.68	13.69	13.70	13.73	13.71
Iron and steel foundries	16.22	16.38	16.21	15.59	16.02	15.95	16.30	15.45	16.39	16.80	15.85	16.46	16.89
Fabricated metal products	11.35	11.17	11.15	11.29	11.45	11.33	11.35	11.19	11.41	11.46	11.54	11.43	11.41
Fabricated structural metal products	9.14	8.50	8.62	8.83	9.30	9.31	9.47	9.15	9.39	9.35	9.19	9.22	9.25
Screw machine products, bolts, etc.	9.75	9.34	9.81	9.67	9.69	9.76	9.65	9.57	9.88	9.93	9.81	9.92	9.97
Metal forgings and stampings	13.98	13.98	13.74	13.94	14.14	13.92	13.90	13.75	14.03	14.10	14.18	14.06	14.06
Machinery, except electrical	10.93	11.17	11.10	10.95	10.83	10.93	10.98	10.90	10.99	11.03	10.90	10.58	10.76
Construction and related machinery	10.09	10.86	10.66	10.39	10.28	10.25	10.17	9.80	9.80	9.69	9.62	9.40	9.61
Metalworking machinery	9.82	9.87	9.89	10.02	9.75	9.79	9.75	9.83	9.78	9.77	9.66	9.74	9.92
Special industry machinery	11.74	11.68	11.78	11.74	11.82	11.67	11.55	11.53	11.87	11.78	11.61	11.73	12.14
General industrial machinery	10.24	10.28	10.19	10.16	9.94	10.08	10.00	10.28	10.42	10.27	10.39	10.29	10.58
Electric and electronic equipment	10.18	10.22	10.17	10.12	10.06	10.04	10.01	10.05	10.15	10.16	10.43	10.39	10.35
Electrical industrial apparatus	10.47	10.33	10.28	10.28	10.26	10.32	10.41	10.35	10.58	10.41	10.97	10.89	10.62
Transportation equipment	14.54	14.34	14.33	14.36	14.41	14.51	14.50	14.55	14.36	14.55	14.65	14.79	15.16
Motor vehicles and equipment	15.36	15.04	15.07	15.13	15.24	15.35	15.33	15.44	15.29	15.44	15.55	15.50	15.97
Instruments and related products	9.57	8.98	9.14	9.36	9.50	9.47	9.53	9.42	9.66	9.76	9.90	10.03	10.07
Measuring and controlling devices	9.44	9.41	9.47	9.40	9.42	9.38	9.54	9.31	9.41	9.36	9.41	9.65	9.56
Nondurable Goods[c]	9.59	9.57	9.56	9.56	9.54	9.61	9.58	9.53	9.57	9.60	9.60	9.64	9.66
Food and kindred products	9.18	9.55	9.45	9.48	9.22	9.33	9.26	9.23	9.06	8.90	9.06	8.82	8.81
Apparel and other textile products	7.28	7.11	7.19	7.36	7.01	7.21	7.20	7.15	7.15	7.45	7.45	7.56	7.57
Paper and allied products	10.24	10.16	10.19	10.17	10.03	10.23	10.24	10.21	10.33	10.32	10.29	10.31	10.36
Printing and publishing	10.29	10.14	10.15	10.12	10.27	10.35	10.34	10.34	10.48	10.35	10.39	10.22	10.37
Chemicals and allied products	11.32	11.42	11.47	11.42	11.53	11.32	11.21	11.07	11.06	11.24	11.35	11.48	11.33
Rubber and misc. plastics products	8.60	8.56	8.50	8.50	8.43	8.56	8.60	8.58	8.68	8.71	8.53	8.71	8.82
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	13.09	12.74	12.82	12.73	12.84	12.87	12.86	13.04	13.29	13.46	13.38	13.61	13.48
WHOLESALE TRADE	9.32	9.19	.13	9.15	9.14	9.23	9.17	9.25	9.32	9.40	9.46	9.62	9.70
RETAIL TRADE[d]	6.15	6.11	6. 7	6.06	6.09	6.07	6.13	6.17	6.14	6.25	6.28	6.22	6.23
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-4 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	41.8	42.2	41.5	42.2	41.8	42.0	42.2	40.9	41.7	42.0	41.6	41.6	42.3
Durable Goods[b]	42.3	42.8	42.0	42.7	42.2	42.6	42.9	41.2	42.1	42.4	42.2	42.1	42.8
Primary metal industries	41.7	42.5	41.3	40.8	41.4	41.4	42.4	39.8	42.0	42.5	40.8	42.2	43.1
Blast furnace and basic steel products	36.9	36.0	36.2	36.7	36.7	36.9	37.1	37.0	37.1	37.2	37.2	37.1	37.4
Iron and steel foundries	49.2	51.0	48.2	45.0	48.4	49.0	51.7	43.0	51.7	52.0	45.9	51.2	52.6
Fabricated metal products	42.6	42.8	41.0	43.1	43.1	43.1	43.5	41.9	43.1	47.6	42.3	42.5	42.4
Fabricated structural metal products	42.1	41.4	40.3	42.6	45.3	44.3	44.9	41.1	42.9	41.4	39.0	40.6	41.0
Screw machine products, bolts, etc.	41.8	42.7	40.7	42.2	41.8	42.1	42.4	41.3	41.9	41.6	41.0	42.1	42.2
Metal-forgings and stampings	44.8	45.3	43.1	45.3	45.6	45.1	45.8	43.8	45.5	44.8	44.9	44.3	44.3
Machinery, except electrical	42.9	44.1	43.7	43.9	42.2	43.3	43.5	42.1	42.5	43.0	43.4	41.3	42.1
Construction and related machinery	41.5	40.6	41.0	41.6	40.9	40.4	40.8	39.8	41.4	41.5	44.2	42.9	44.0
Metalworking machinery	40.3	41.8	40.7	41.0	40.0	40.7	39.9	39.4	40.8	39.7	39.8	39.3	40.1
Special industry machinery	43.3	41.3	43.2	44.4	43.9	43.9	44.0	43.0	43.9	42.8	43.3	42.5	43.7
General industrial machinery	42.5	42.1	42.1	42.7	43.1	43.8	41.4	43.1	43.0	43.4	42.4	40.4	42.5
Electric and electronic equipment	39.8	39.3	40.1	40.8	40.0	39.3	39.5	38.3	39.0	40.4	40.4	39.6	40.3
Electrical industrial apparatus	40.2	40.0	40.6	40.5	39.6	39.5	39.7	39.6	40.5	40.9	41.2	40.5	39.4
Transportation equipment	45.6	46.5	44.9	45.8	45.4	46.4	46.3	44.8	44.5	44.8	45.3	45.4	47.3
Motor vehicles and equipment	46.4	47.2	45.0	46.5	47.1	47.8	47.6	45.0	46.0	45.5	45.4	45.3	47.8
Instruments and related products	42.3	40.6	42.0	43.3	42.5	42.6	42.7	41.7	41.7	42.2	42.8	42.5	43.5
Measuring and controlling devices	42.7	42.3	43.3	44.9	43.2	43.6	43.8	42.6	42.4	41.5	42.1	41.0	42.2
Nondurable Goods[c]	40.6	40.8	40.1	40.9	40.6	40.5	40.5	40.0	40.7	40.8	40.1	40.6	41.0
Food and kindred products	40.9	41.3	40.5	41.6	40.5	41.3	40.4	40.3	41.2	41.1	40.1	39.9	42.2
Apparel and other textile products	37.6	38.5	37.6	37.6	38.0	37.2	36.7	37.5	36.8	37.9	36.9	37.7	38.7
Paper and allied products	42.6	43.7	42.2	43.1	41.9	42.3	42.2	41.8	42.6	42.9	42.2	42.6	44.0
Printing and publishing	37.2	37.4	35.6	37.3	37.5	37.2	36.3	36.9	38.0	37.7	37.6	37.4	37.2
Chemicals and allied products	42.6	42.3	43.4	42.7	43.1	42.7	43.2	42.7	42.3	42.3	41.7	42.3	42.8
Rubber and misc. plastics products	42.5	42.5	42.3	43.2	42.2	42.4	43.0	40.8	43.2	42.5	41.5	43.3	42.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.2	40.4	40.7	40.5	40.7	40.7	40.9	41.6	41.3	41.7	41.6	42.3	42.2
WHOLESALE TRADE	39.6	39.4	39.1	39.3	39.4	39.3	39.7	39.8	39.7	39.7	39.8	39.5	39.9
RETAIL TRADE	28.5	27.9	27.9	28.5	28.4	28.6	28.9	29.2	29.0	28.7	28.2	28.0	28.8
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus, 43216 4-1-86 RS-790-3-4 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$467.74	$472.64	$461.90	$468.00	$464.82	$469.14	$472.22	$452.76	$466.21	$472.92	$467.58	$467.58	$480.11
Durable Goods[b]	498.29	503.76	490.98	497.46	494.16	500.12	505.36	480.39	496.78	504.14	500.49	498.46	513.17
Primary metal industries	556.28	569.08	546.81	529.18	544.00	547.72	568.58	518.99	567.84	578.85	540.60	571.81	591.33
Blast furnace and basic steel products	502.58	483.48	488.70	496.92	498.75	502.21	506.42	506.42	507.53	509.27	509.64	509.38	512.75
Iron and steel foundries	798.02	835.38	781.32	781.55	775.37	781.55	842.71	664.35	847.36	873.60	727.52	842.75	888.41
Fabricated metal products	483.51	478.08	457.15	486.60	493.50	488.32	493.73	468.86	491.77	488.20	488.14	485.78	483.78
Fabricated structural metal products	384.79	351.90	347.39	376.16	421.29	412.43	425.20	376.07	402.83	387.09	358.41	374.33	379.25
Screw machine products, bolts, etc.	407.55	398.82	399.27	408.07	405.04	410.90	409.16	395.24	413.97	413.09	402.21	417.63	420.73
Metal forgings and stampings	626.30	633.29	582.19	631.48	644.78	627.79	636.62	602.25	638.37	631.68	636.68	622.86	622.86
Machinery, except electrical	468.90	492.60	485.07	480.71	457.03	473.27	477.63	458.89	467.08	474.29	473.06	436.95	453.00
Construction and related machinery	418.74	440.92	437.06	432.22	420.45	414.10	414.94	390.04	405.72	402.14	425.20	403.26	422.84
Metalworking machinery	395.75	412.57	402.52	410.82	390.00	398.45	389.03	387.30	399.02	387.87	384.47	382.78	397.79
Special industry machinery	508.34	482.38	508.90	521.26	518.90	512.31	508.20	495.79	521.09	504.18	502.71	498.53	530.52
General industrial machinery	435.20	432.79	429.00	433.83	428.41	441.50	414.00	443.07	448.06	445.72	440.54	415.72	449.65
Electric and electronic equipment	405.16	401.65	407.82	412.90	402.40	394.57	395.40	384.92	395.85	410.46	421.37	411.44	417.11
Electrical industrial apparatus	420.89	413.20	417.37	416.34	406.30	407.64	413.28	409.86	428.49	425.77	451.96	441.05	418.43
Transportation equipment	663.02	666.81	643.42	657.69	654.21	673.26	671.35	651.84	639.02	651.84	663.65	671.47	717.07
Motor vehicles and equipment	712.70	709.89	678.15	703.55	717.80	733.73	729.71	694.80	703.34	702.52	705.97	702.15	763.37
Instruments and related products	404.81	364.59	383.88	405.29	403.75	403.42	406.93	392.81	402.82	411.87	423.72	426.28	438.05
Measuring and controlling devices	403.09	398.04	410.05	422.06	406.94	408.97	417.85	396.61	398.98	388.44	396.16	395.65	403.43
Nondurable Goods[c]	389.35	390.46	383.36	391.00	387.32	389.21	387.99	381.20	389.50	391.68	384.96	391.38	396.06
Food and kindred products	375.46	394.42	382.73	394.37	373.41	385.33	374.10	371.97	373.27	365.79	363.31	351.92	371.78
Apparel and other textile products	273.73	273.74	270.34	276.74	266.38	268.21	264.24	268.13	263.12	282.36	274.91	285.01	292.96
Paper and allied products	436.22	443.99	430.02	438.33	420.26	432.73	432.13	426.78	440.06	442.73	434.24	439.21	455.84
Printing and publishing	382.79	379.24	361.34	377.48	385.13	385.02	375.34	381.55	398.24	390.20	390.66	382.23	385.76
Chemicals and allied products	482.23	483.07	497.80	487.63	496.94	483.36	484.27	472.69	467.84	475.45	473.30	485.60	484.92
Rubber and misc. plastics products	365.50	363.80	359.55	367.20	355.75	362.94	369.80	350.06	374.98	370.18	354.00	337.14	378.38
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	539.31	514.70	521.77	515.57	522.54	523.81	525.97	542.46	548.88	561.28	556.61	575.70	568.86
WHOLESALE TRADE	369.07	362.09	356.98	359.60	360.12	362.74	364.05	368.15	370.00	373.18	376.51	379.99	387.03
RETAIL TRADE[d]	175.28	170.47	169.35	172.71	172.96	173.60	177.16	180.16	178.06	179.38	177.10	174.16	179.42
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	267.06	258.69	258.69	258.99	254.49	264.04	270.14	269.55	268.56	269.70	266.54	275.50	290.00

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 HS-790-2-4 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a]

1.

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	854.5	828.9	829.4	833.9	844.7	852.8	863.8	862.7	863.3	864.5	869.2	869.8	870.9
MANUFACTURING	213.8	210.4	210.2	211.7	212.4	213.7	215.8	214.5	214.7	215.8	215.5	215.7	215.1
Durable Goods[b]	148.6	146.7	146.5	147.5	147.8	148.5	149.5	148.6	148.6	150.2	149.7	149.9	149.6
Primary metal industries	23.8	24.5	24.5	24.4	24.3	24.1	23.9	23.6	23.2	23.5	23.3	23.1	23.0
Blast furnace and basic steel products	11.5	12.3	12.2	12.1	11.9	11.8	11.5	11.3	11.0	11.1	11.0	10.7	10.5
Iron and steel foundries	5.8	5.8	5.9	5.9	5.9	5.9	5.8	5.8	5.7	5.8	5.7	5.7	5.9
Fabricated metal products	33.3	32.3	32.3	32.5	33.0	33.2	33.7	33.3	33.7	34.0	33.8	33.8	33.8
Fabricated structural metal products	3.6	3.4	3.3	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.9	3.9	3.7
Screw machine products, bolts, etc.	4.8	4.5	4.6	4.6	4.7	4.7	4.8	4.7	4.8	4.9	4.9	5.0	5.0
Metal forgings and stampings	11.5	11.4	11.4	11.5	11.6	11.5	11.5	11.2	11.4	11.6	11.5	11.5	11.6
Machinery, except electrical	33.6	32.3	32.3	32.7	33.3	33.8	34.0	34.0	33.8	34.2	34.1	34.2	34.0
Construction and related machinery	4.8	5.3	5.1	5.0	5.0	5.0	4.9	4.8	4.7	4.7	4.7	4.7	4.5
Metalworking machinery	10.6	10.2	10.4	10.5	10.5	10.6	10.7	10.8	10.7	10.8	10.8	10.8	10.8
Special industry machinery	3.6	3.4	3.4	3.5	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.7	3.7
General industrial machinery	3.0	2.9	2.8	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.1
Electric and electronic equipment	20.2	19.8	19.8	19.9	19.9	20.0	20.3	20.2	20.3	20.6	20.7	20.7	20.6
Electrical industrial apparatus	7.2	7.4	7.3	7.3	7.2	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2
Transportation equipment	20.0	20.5	20.5	20.6	19.9	19.8	19.9	19.4	19.5	19.8	19.9	20.2	20.4
Motor vehicles and equipment	13.3	14.0	14.0	14.0	13.3	13.2	13.2	12.8	12.8	13.0	13.1	13.2	13.4
Instruments and related products	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.1	8.0	8.0	8.0	8.0	7.9
Measuring and controlling devices	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
Nondurable Goods[c]	65.2	63.7	63.6	64.2	64.6	65.2	66.3	65.9	66.0	65.6	65.8	65.8	65.5
Food and kindred products	7.2	7.3	7.1	7.1	7.3	7.3	7.5	7.4	7.3	7.1	7.1	7.0	7.0
Apparel and other textile products	5.1	5.1	5.2	5.2	5.2	5.2	5.1	5.0	4.9	5.0	5.1	5.0	5.0
Paper and allied products	5.5	5.3	5.3	5.3	5.4	5.5	5.5	5.6	5.6	5.7	5.6	5.5	5.5
Printing and publishing	15.7	15.4	15.3	15.4	15.3	15.5	15.8	15.7	15.8	15.8	16.0	16.3	16.3
Chemicals and allied products	14.2	13.8	13.8	13.9	14.1	14.2	14.6	14.5	14.6	14.4	14.2	14.1	14.1
Rubber and misc. plastics products	11.9	11.5	11.5	11.6	11.8	11.9	12.0	12.0	12.0	12.0	12.1	12.1	11.9

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1984[a] (Continued)
(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	640.7	618.5	619.2	622.3	632.3	639.1	648.0	648.2	648.6	648.6	653.6	654.1	655.8
CONSTRUCTION	27.6	23.4	23.2	23.1	25.7	27.2	28.7	30.1	30.5	30.5	30.9	29.8	27.8
TRANSPORTATION AND PUBLIC UTILITIES	41.6	41.1	41.0	41.4	41.8	42.2	42.4	41.9	41.8	41.5	41.4	41.2	41.1
Trucking and warehousing	10.8	10.2	10.4	10.5	10.7	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3
Communication, electric, gas services	18.9	19.6	19.6	19.6	19.5	19.3	19.1	18.7	18.5	18.4	18.3	18.1	18.0
WHOLESALE TRADE	61.3	59.8	59.9	60.2	60.6	61.0	62.0	61.9	62.0	61.8	61.9	62.0	62.2
Wholesale trade-durable goods	43.1	42.2	42.3	42.5	42.6	42.9	43.6	43.5	43.5	43.3	43.4	43.6	43.6
RETAIL TRADE	140.9	136.2	134.1	135.5	138.0	140.4	142.2	141.7	142.3	143.0	143.0	145.6	149.3
General merchandise stores	21.4	21.7	20.8	20.6	20.7	20.9	21.0	20.5	20.6	21.1	21.5	22.8	24.0
FINANCE, INSURANCE, AND REAL ESTATE	48.5	47.8	48.0	48.0	48.2	48.3	49.0	49.2	49.0	48.8	48.5	48.7	48.8
Banking	13.0	13.4	13.3	13.1	12.9	12.9	13.0	12.9	12.9	12.9	12.8	12.9	12.9
Credit agencies other than banks	7.8	7.6	7.6	7.6	7.6	7.6	7.8	7.9	7.9	7.8	7.8	7.9	7.9
Insurance carriers	11.4	11.2	11.4	11.5	11.4	11.5	11.6	11.6	11.5	11.5	11.2	11.3	11.3
SERVICES	204.3	195.1	196.6	198.0	201.6	203.8	205.9	206.1	207.2	208.5	210.5	209.2	208.9
Business services	40.1	36.2	36.4	36.8	38.5	39.2	40.0	40.6	41.6	41.9	43.3	43.2	44.0
Amusement and recreation services	8.3	6.1	6.1	6.7	7.5	9.0	9.7	10.0	10.5	10.0	8.9	7.8	7.8
Health services	65.8	65.3	65.2	65.4	65.4	65.4	66.0	66.3	66.5	66.5	66.0	66.0	65.9
GOVERNMENT	115.3	113.8	115.1	114.9	115.1	115.0	116.6	116.1	114.6	113.3	116.2	116.3	116.4
Federal government	19.5	19.4	19.4	19.5	19.5	19.5	19.6	19.0	19.6	19.4	19.4	19.6	19.7
State government	7.8	8.0	7.9	8.0	7.9	7.6	8.1	7.5	7.4	7.3	7.9	7.7	8.1
State government education	2.8	3.1	3.0	3.2	3.1	2.8	3.0	2.4	2.3	2.4	3.0	2.8	3.1
State government, except education	5.0	5.0	4.9	4.8	4.9	4.8	5.1	5.1	5.1	5.0	4.9	4.9	5.0
Local government	88.0	86.4	87.7	87.4	87.7	87.9	88.9	89.0	87.6	86.6	89.0	89.0	88.6
Local government education	43.0	42.2	43.6	43.8	43.9	43.7	43.5	40.6	39.0	42.1	44.4	44.8	44.4
Local government, except education	45.0	44.2	44.1	43.6	43.9	44.2	45.5	48.4	48.5	44.5	44.6	44.2	44.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-14-86 RS-790-1-4 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a]
(in thousands)

1.

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	829.8	806.9	807.5	812.1	817.8	825.2	838.0	838.8	833.4	842.6	842.1	844.5	848.2
MANUFACTURING	207.3	204.4	204.7	205.5	205.1	206.0	207.7	206.6	206.7	209.5	209.9	210.6	210.9
Durable Goods[b]	143.9	142.2	142.2	142.6	142.7	143.4	144.5	143.0	142.5	144.8	145.8	146.5	146.5
Primary metal industries	24.1	23.1	23.3	23.5	23.8	23.8	24.1	23.9	24.3	24.7	24.9	24.8	24.7
Blast furnace and basic steel products	12.4	11.6	11.8	12.0	12.1	12.3	12.5	12.7	12.9	12.6	12.6	12.5	12.5
Iron and steel foundries	5.7	5.7	5.6	5.6	5.7	5.5	5.6	5.4	5.6	5.9	6.0	6.0	5.8
Fabricated metal products	31.1	31.0	30.9	30.9	30.7	30.9	31.2	30.4	30.4	31.1	31.5	32.0	32.2
Fabricated structural metal products	3.6	3.5	3.4	3.4	3.5	3.5	3.6	3.7	3.8	3.8	3.6	3.6	3.6
Screw machine products, bolts, etc.	4.3	4.2	4.2	4.3	4.4	4.4	4.4	4.3	4.3	4.4	4.4	4.5	4.5
Metal forgings and stampings	10.8	11.1	11.0	10.9	10.7	10.7	10.8	10.0	9.8	10.4	11.0	11.3	11.4
Machinery, except electrical	30.9	31.0	30.3	30.2	30.2	30.7	30.9	31.1	30.7	31.0	31.3	31.5	31.9
Construction and related machinery	5.2	4.9[e]	4.8[e]	4.8[e]	4.7[e]	5.3	5.4	5.5	5.5	5.5	5.4	5.4	5.3
Metalworking machinery	10.0	10.5	10.2	10.1	10.1	9.9	9.9	9.9	10.0	9.8	9.9	9.9	10.1
Special industry machinery	3.1	2.8	2.8	2.9	3.0	3.0	2.9	3.0	3.1	3.2	3.3	3.4	3.4
General industrial machinery	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
Electric and electronic equipment	21.3	22.3	22.5	22.5	22.0	21.7	21.4	21.0	20.8	20.7	20.6	20.3	19.8
Electrical industrial apparatus	7.4	7.7	7.7	7.7	7.5	7.4	7.4	7.3	7.3	[illegible]	7.3	7.2	7.3
Transportation equipment	20.3	19.8	20.2	20.4	20.6	20.5	20.8	20.2	19.6	20.3	20.5	20.6	20.6
Motor vehicles and equipment	13.9	13.3	13.8	14.0	14.2	14.2	14.3	13.8	13.3	13.8	14.0	14.1	14.1
Instruments and related products	6.7	5.7	5.7	5.7	6.0	6.2	6.5	6.8	7.0	7.3	7.6	7.8	8.1
Measuring and controlling devices	3.8	3.6	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0
Nondurable Goods[c]	63.4	62.3	62.4	62.9	62.4	62.6	63.2	63.6	64.2	64.7	64.1	64.2	64.3
Food and kindred products	7.7	7.6	7.5	7.6	7.6	7.6	7.7	7.9	7.9	7.9	7.7	7.7	7.7
Apparel and other textile products	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.9	4.9	4.9	5.1
Paper and allied products	4.9	4.7	4.8	4.7	4.8	4.8	4.9	5.0	5.1	5.2	5.1	5.2	5.2
Printing and publishing	15.0	14.5	14.6	14.9	14.8	14.9	15.0	14.9	15.2	15.4	15.3	15.4	15.5
Chemicals and allied products	14.3	14.8	14.7	14.5	14.2	14.2	14.2	14.3	14.4	14.2	14.0	14.0	14.0
Rubber and miscl plastics products	10.8	10.1	10.3	10.6	10.4	10.6	10.7	10.8	10.9	11.3	11.3	11.3	11.3

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA, 1983[a] (Continued)

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
NONMANUFACTURING[d]	622.5	602.5	602.8	606.6	612.7	619.1	630.3	[illegible]	626.8	633.1	632.2	633.9	637.3
CONSTRUCTION	25.3	20.9	20.6	21.4	22.7	24.5	26.4	27.8	28.4	28.6	28.5	27.8	26.3
TRANSPORTATION AND PUBLIC UTILITIES	40.9	40.4	40.1	40.4	41.1	41.3	41.9	41.9	36.7	41.9	41.7	41.4	42.0
Trucking and warehousing	10.1	9.5	9.6	9.7	9.8	10.0	10.4	10.3	10.4	10.4	10.2	10.4	10.7
Communication, electric, gas services	19.4	20.2	20.1	20.1	20.1	19.9	19.9	19.7	14.6[e]	19.6	19.5	19.4	19.5
WHOLESALE TRADE	58.9	57.7	57.4	57.7	57.8	58.1	58.8	59.4	59.7	59.7	59.9	60.0	60.4
Wholesale trade-durable goods	41.3	40.6	40.4	40.5	40.6	40.7	41.2	41.6	41.8	41.8	41.9	42.2	42.5
RETAIL TRADE	135.9	131.5	129.4	129.9	132.4	134.2	136.1	137.6	137.7	138.5	138.6	140.7	144.2
General merchandise stores	21.1	21.3	20.3	20.3	20.4	20.4	20.5	20.7	20.4	21.0	21.4	22.6	23.9
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.1	48.1	48.0	48.2	48.5	49.0	49.1	49.3	48.7	48.2	48.0	48.1
Banking	13.5	13.6	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.4	13.3	13.4	13.4
Credit agencies other than banks	7.4	7.2	7.3	7.3	7.3	7.4	7.5	7.4	7.6	7.5	7.5	7.5	7.6
Insurance carriers	11.8	11.9	11.9	11.9	11.9	12.0	12.0	12.0	11.9	11.8	11.6	11.4	11.4
SERVICES	195.7	188.9	190.1	191.4	193.4	194.7	196.7	197.4	197.4	200.4	199.9	199.4	199.0
Business services	34.1	31.0	31.2	31.9	32.4	33.0	33.8	34.7	35.5	36.0	36.3	36.4	36.8
Amusement and recreation services	7.9	6.0	6.0	6.2	7.2	8.2	8.9	9.7	10.0	9.7	8.1	7.4	7.3
Health services	65.4	65.1	64.9	65.1	64.8	65.0	65.5	66.1	66.2	66.1	65.4	65.2	65.2
GOVERNMENT	116.1	113.8	115.9	116.7	116.0	116.8	120.2	117.9	116.4	114.1	114.3	115.3	116.1
Federal government	19.4	19.2	19.2	19.3	19.2	19.2	19.3	19.7	19.5	19.4	19.4	19.4	19.5
State government	7.9	8.1	8.1	8.1	8.2	7.7	8.1	7.5	7.4	7.3	7.9	8.0	8.2
State government education	2.8	3.1	3.0	3.1	3.2	2.7	2.9	2.3	2.2	2.3	2.9	3.1	3.1
State government, except education	5.1	5.1	5.0	5.0	5.0	5.0	5.2	5.2	5.2	5.0	4.9	4.9	5.1
Local government	88.9	86.4	88.6	89.2	88.6	89.9	92.8	90.7	89.5	87.3	87.0	87.9	88.4
Local government education	42.9	42.1	44.3	44.6	44.1	44.7	44.3	39.5	38.6	41.7	42.9	43.8	44.2
Local government, except education	46.0	44.3	44.3	44.7	44.5	45.2	48.6	51.2	50.9	45.7	44.2	44.1	44.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

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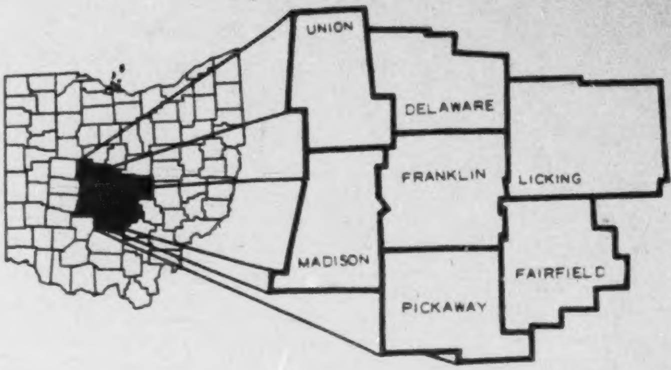
COLUMBUS METROPOLITAN STATISTICAL AREA

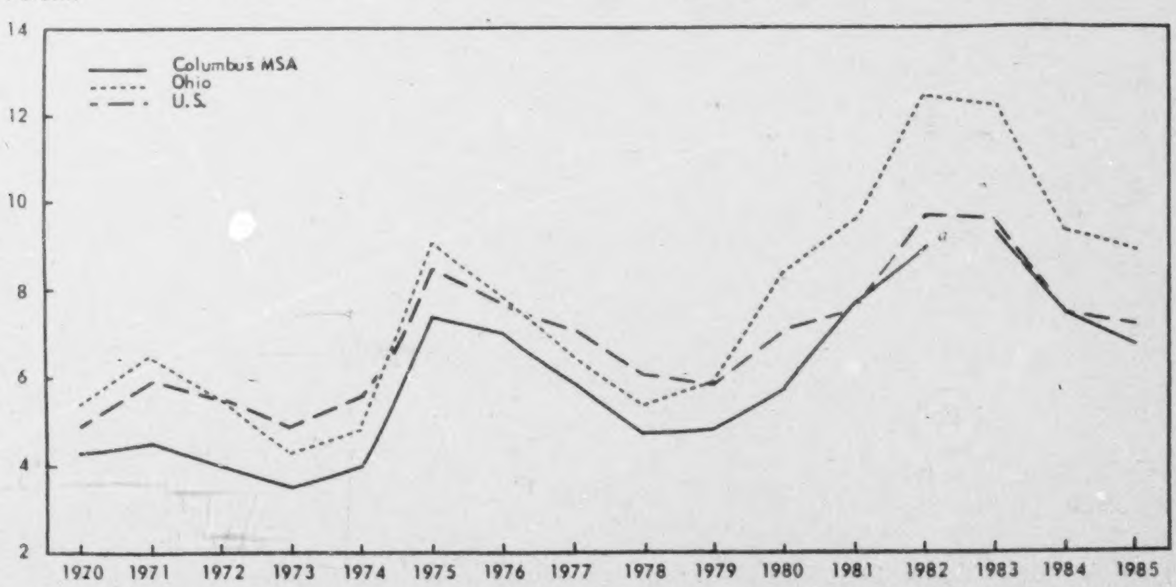


The estimated annual average civilian labor force in the Columbus MSA, based on place of residence, rose 16,900 from 1984 to 650,400 in 1985. Total employment increased 22,400 over the year; unemployment dropped 5,500 to a 1985 total of 43,700. The unemployment rate declined from 7.8 percent in 1984 to 6.7 percent in 1985 (see table, page 85).

Nonagricultural wage and salary employment in the Columbus area increased 5.2 percent from 1984, to 606,500 in 1985, compared with the 2.8 percent statewide improvement. The more rapid recovery in the Columbus area was due to the fact that it has a greater concentration of nonmanufacturing, high-growth industries than other areas in the state.

Most manufacturing industries improved in 1984 and continued to recover in 1985, including durable goods, which declined during the 1979-1983 period. However, in the nonelectrical machinery and electric and electronic equipment industries, there was a slight drop in employment from 1984. The employment in most nonmanufacturing industries, especially services, finance, insurance, and real estate, and government, continued to rise in 1985 (see table, page 85).

COLUMBUS MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

(Absolute data in thousands)

Columbus Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Columbus	Ohio	U.S.
1970	433.7	415.2	18.4	4.3	5.4	4.9
1971	445.6	425.6	20.0	4.5	6.5	5.9
1972	469.1	450.2	18.9	4.0	5.5	5.6
1973	485.5	468.3	17.1	3.5	4.3	4.9
1974	495.4	475.5	19.9	4.0	4.8	5.6
1975	495.0	458.6	36.5	7.4	9.1	8.5
1976	503.6	468.5	35.1	7.0	7.8	7.7
1977	513.4	483.3	30.1	5.9	6.5	7.1
1978	531.4	506.5	24.9	4.7	5.4	6.1
1979	543.0	517.1	25.8	4.8	5.9	5.8
1980	554.7	523.4	31.4	5.7	8.4	7.1
1981	562.4	519.1	43.3	7.7	9.6	7.6
1982	567.4	516.4	51.0	9.0	12.5	9.7
1983	647.7	587.4	60.3	9.3	12.2	9.6
1984	633.5	584.3	49.2	7.8	9.4	7.5
1985	650.4	606.7	43.7	6.7	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

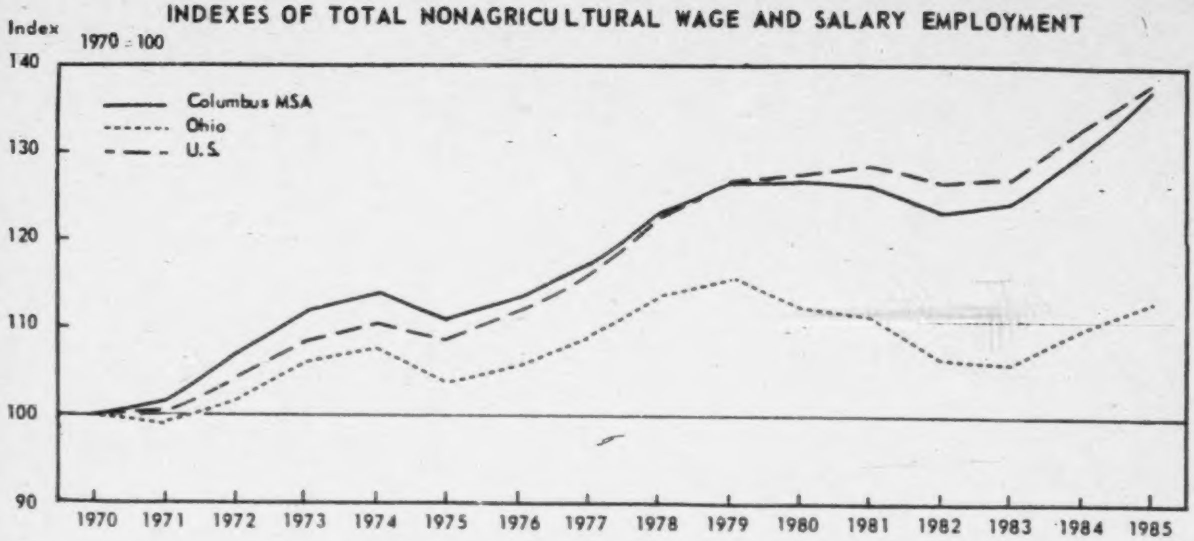
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE COLUMBUS METROPOLITAN STATISTICAL AREA

1979, 1983, and 1985

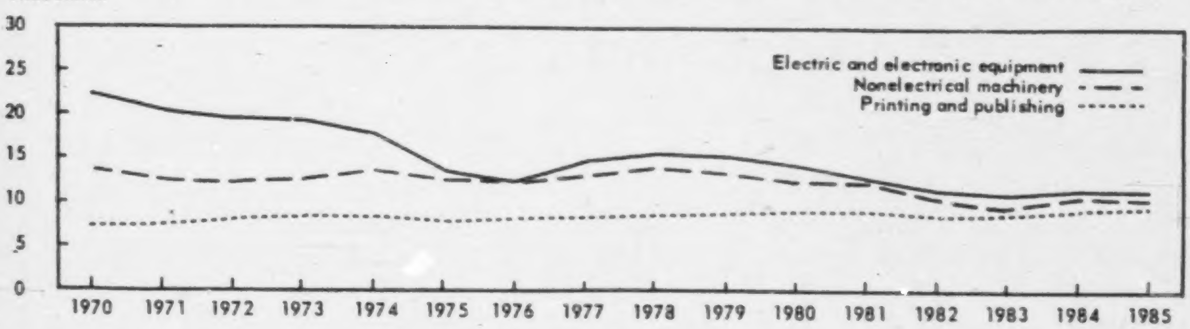
Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Columbus	Ohio
TOTAL	558.5	548.5	606.5	-10.0	58.0	580.0	72.9
MANUFACTURING	117.8	98.7	105.9	-19.1	7.2	37.7	18.1
Durable Goods	79.1	63.5	70.3	-15.6	6.8	43.6	17.7
Fabricated metal products	13.0	9.9	10.6	-3.1	0.7	22.6	20.1
Machinery, except electrical	13.2	9.5	10.5	-3.7	1.0	27.0	17.2
Electric and electronic equipment	15.5	11.1	11.5	-4.4	0.4	9.1	3.9
Nondurable Goods	38.7	35.2	35.7	-3.5	0.5	14.3	19.5
Food and kindred products	11.0	10.3	9.7	-0.7	-0.6	-	-
Printing and publishing	8.9	8.9	9.5	0.0	0.6	+	79.2
CONSTRUCTION	23.0	16.8	21.5	-6.2	4.7	75.8	44.7
TRANSPORTATION AND PUBLIC UTILITIES	27.3	24.7	25.9	-2.6	1.2	46.2	11.9
Communication, electric, gas services	11.7	11.7	11.3	0.0	-0.4	-	-
WHOLESALE TRADE	28.8	29.0	33.3	0.2	4.3	+	233.0
RETAIL TRADE	101.4	102.9	119.3	1.5	16.4	+	251.0
FINANCE, INSURANCE, AND REAL ESTATE	38.3	45.0	49.1	6.7	4.1	+	+
Insurance carriers	16.9	18.8	19.4	1.9	0.6	+	+
SERVICES	108.7	119.6	138.3	10.9	18.7	+	+
GOVERNMENT	111.9	110.5	112.1	-1.4	1.6	114.3	48.0
Federal government	14.6	14.3	15.1	-0.3	0.8	266.7	155.0
State government	48.8	48.8	49.0	0.0	0.2	+	+
Local government	48.5	47.4	47.9	-1.1	0.5	45.5	16.1

+ No downturn, 1979-1983
- No upturn, 1983-1985

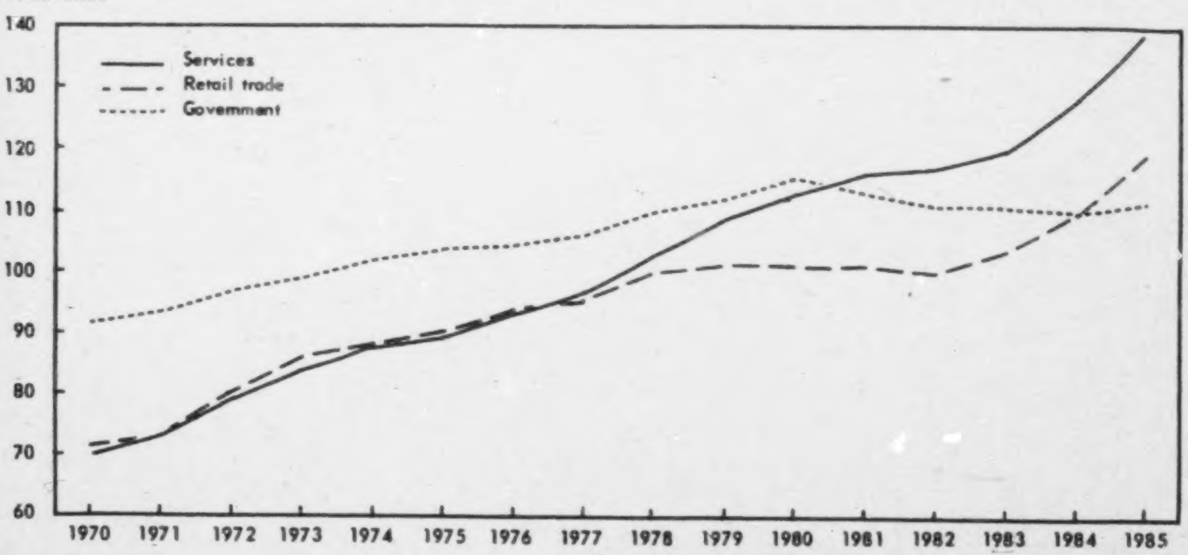
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

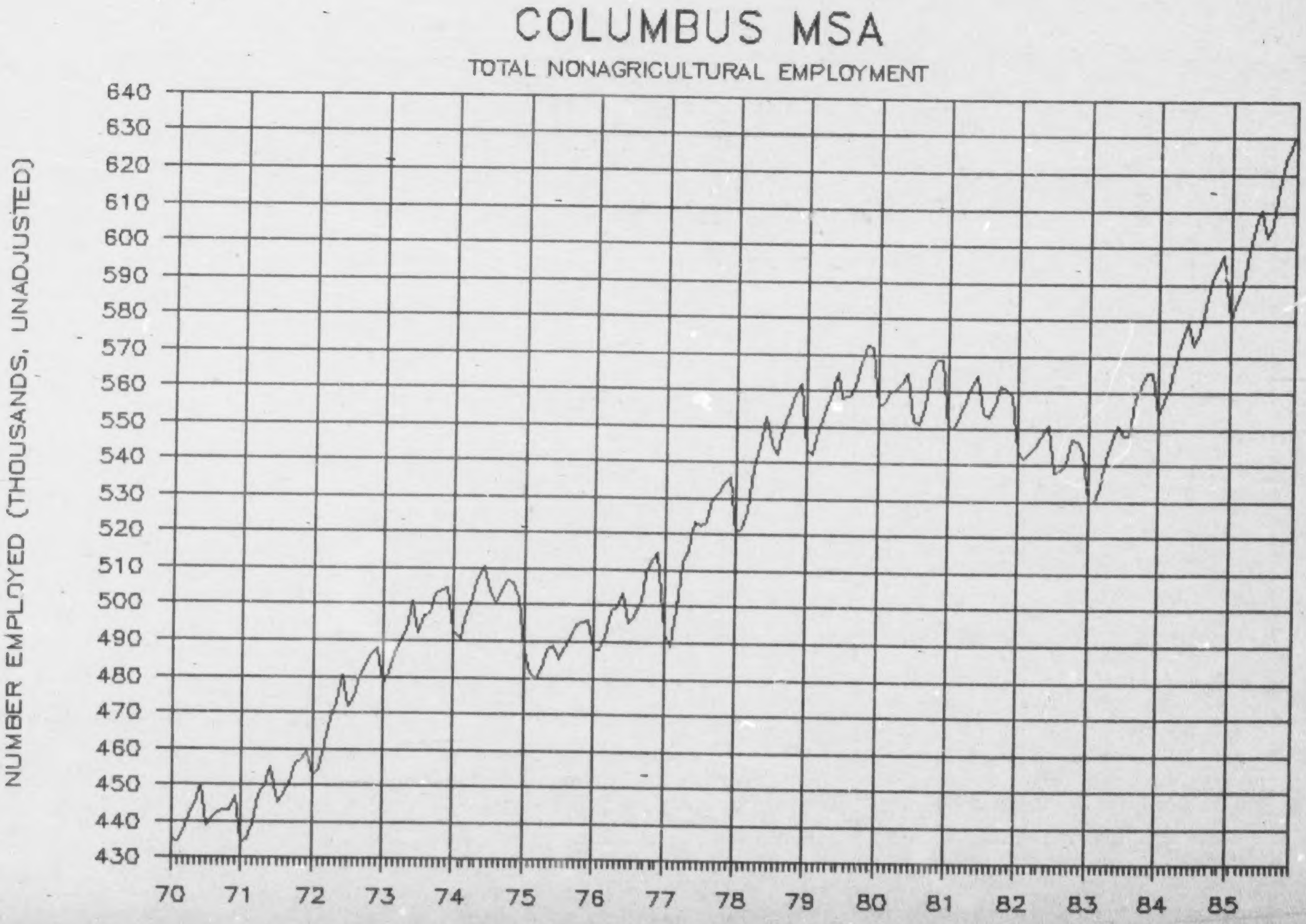


COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



COLUMBUS MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)




COLUMBUS MSA
TOTAL NONAGRICULTURAL EMPLOYMENT
NUMBER EMPLOYED (THOUSANDS, UNADJUSTED)
640
630
620
610
600
590
580
570
560
550
540
530
520
510
500
490
480
470
460
450
440
430
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	606.5	580.2	584.1	589.5	599.1	606.3	610.1	602.6	606.5	616.4	623.9	627.4	631.4
MANUFACTURING	105.9	105.3	105.4	105.2	105.2	105.7	105.9	105.4	105.9	106.8	106.7	106.8	107.1
Durable Goods[b]	70.3	69.9	70.1	69.9	69.8	70.0	70.2	69.7	70.1	70.9	70.8	70.9	71.0
Stone, clay, and glass products	11.8	11.9	11.9	11.8	11.8	11.7	11.6	11.4	11.8	12.1	12.0	12.0	11.4
Glass and glassware, pressed or blown	4.7	5.1	5.1	4.9	5.0	4.9	4.6	4.3	4.6	4.8	4.6	4.6	4.2
Fabricated metal products	10.6	10.8	10.8	10.8	10.7	10.8	10.7	10.4	10.4	10.4	10.4	10.4	10.3
Fabricated structural metal products	3.2	3.2	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.0
Machinery, except electrical	10.5	10.8	10.8	10.8	10.7	10.5	10.5	10.3	10.2	10.2	10.1	10.3	10.3
Electric and electronic equipment	11.5	12.0	12.0	12.0	11.7	11.6	11.6	11.5	11.2	11.2	11.1	11.1	11.1
Transportation equipment	14.5	13.0	13.2	13.2	13.5	14.1	14.4	14.6	15.0	15.4	15.7	15.7	16.2
Instruments and related products	4.2	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.5
Nondurable Goods[c]	35.7	35.3	35.3	35.3	35.4	35.7	35.8	35.7	35.8	35.9	35.8	35.9	36.1
Food and kindred products	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	9.7	9.6	9.6	9.6	9.7
Printing and publishing	9.5	9.3	9.3	9.2	9.3	9.4	9.4	9.4	9.6	9.7	9.7	9.8	9.8
Chemicals and allied products	6.9	6.9	6.9	6.9	7.0	6.9	7.0	7.0	6.9	6.9	6.8	6.7	6.8
Rubber and misc. plastics products	5.1	5.1	5.0	5.0	5.0	5.1	5.0	5.0	5.1	5.1	5.2	5.3	5.3
NONMANUFACTURING[d]	500.5	475.0	478.7	484.3	493.9	500.6	504.1	497.2	500.6	509.6	517.3	520.7	524.3
CONSTRUCTION	21.5	18.2	17.4	18.6	20.4	21.6	22.2	22.9	23.7	24.0	23.9	23.2	22.0
TRANSPORTATION AND PUBLIC UTILITIES	25.9	25.7	25.9	25.8	25.8	25.8	25.8	25.6	25.8	26.1	26.2	26.2	26.3
Trucking and warehousing	10.6	10.5	10.6	10.5	10.4	10.3	10.4	10.2	10.4	10.6	10.9	11.0	11.2
Communication, electric, gas services	11.3	11.5	11.5	11.4	11.4	11.4	11.4	11.3	11.3	11.3	11.1	11.1	11.1
WHOLESALE TRADE	33.3	32.1	32.4	32.7	32.9	33.2	33.3	33.5	33.6	33.9	34.1	34.2	34.2
Wholesale trade-durable goods	22.2	21.1	21.3	21.7	21.8	22.1	22.2	22.4	22.4	22.6	22.7	22.8	22.9

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1985[a] (Continued)

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	119.3	111.9	110.6	112.5	115.8	118.8	119.5	119.6	121.4	122.9	123.5	126.2	129.4
General merchandise stores	16.1	16.4	15.4	15.5	15.4	15.7	15.6	15.5	15.7	15.8	16.0	17.2	18.7
FINANCE, INSURANCE, AND REAL ESTATE	49.1	47.6	47.8	48.1	48.3	48.6	49.1	49.7	50.0	49.9	49.7	50.1	50.3
Banking	10.6	10.1	10.1	10.2	10.4	10.4	10.5	10.7	10.9	10.9	10.9	11.0	11.1
Insurance carriers	19.4	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.5	19.5	19.5	19.7	19.7
SERVICES	138.3	129.0	130.2	131.6	135.6	137.9	138.6	140.3	140.5	142.4	144.0	144.4	144.4
Business services	30.4	27.8	28.0	28.5	29.4	30.0	30.0	30.7	31.3	31.8	32.1	32.2	32.4
Health services	35.8	35.0	35.0	35.1	35.4	35.7	36.0	36.0	36.0	36.1	36.1	36.3	36.5
GOVERNMENT	112.1	109.3	113.4	114.2	114.0	113.7	114.6	104.5	104.6	109.4	114.9	115.5	116.7
Federal government	15.1	14.8	14.8	14.9	15.2	15.1	15.3	15.3	15.3	15.1	15.1	15.3	15.4
State government	49.0	45.8	50.0	50.6	50.4	50.1	50.8	44.9	45.7	46.2	50.6	51.0	51.8
State government education[f]	20.6	17.9	21.9	22.3	21.9	21.8	22.0	16.2	16.9	17.7	22.3	22.6	23.2
State government, except education	28.4	27.9	28.1	28.3	28.5	28.3	28.8	28.7	28.7	28.4	28.3	28.4	28.6
Local government	47.9	48.7	48.5	48.7	48.4	48.5	48.5	44.3	43.6	48.2	49.2	49.2	49.4
Local government education	28.2	29.1	29.1	29.3	29.1	29.2	28.5	24.0	23.7	28.4	29.3	29.5	29.7
Local government, except education	19.7	19.6	19.4	19.4	19.3	19.3	20.0	20.2	20.0	19.8	19.8	19.7	19.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-1-5 (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$10.83	$10.64	$10.80	$10.85	$10.80	$10.71	$10.77	$10.77	$10.77	$10.90	$10.86	$10.95	$11.08
Durable Goods[b]	11.25	11.00	11.19	11.29	11.26	11.13	11.21	11.20	11.17	11.34	11.27	11.35	11.52
Stone, clay, and glass products	11.62	11.60	11.57	11.42	11.72	11.24	11.83	11.77	11.65	11.61	11.69	11.66	11.73
Glass and glassware, pressed or blown	11.06	11.32	11.18	10.95	11.27	10.82	11.12	10.84	10.83	10.83	11.13	11.14	11.25
Fabricated metal products	12.23	11.85	12.39	12.26	12.53	12.28	12.04	12.30	11.87	12.16	12.16	12.31	12.57
Fabricated structural metal products	9.88	9.53	9.82	9.80	9.70	9.79	10.09	10.02	9.79	9.87	9.98	10.01	10.20
Machinery, except electrical	10.06	10.08	9.95	10.03	10.01	9.95	9.91	10.11	10.02	10.12	10.16	10.08	10.28
Electric and electronic equipment	11.00	10.78	10.95	11.06	11.03	10.88	10.95	10.92	11.04	11.08	10.87	11.12	11.35
Transportation equipment	12.32	11.97	12.21	12.73	12.17	12.24	12.34	12.02	12.25	12.52	12.24	12.40	12.65
Instruments and related products	9.33	8.95	8.92	9.40	9.48	9.32	9.32	9.43	9.24	9.30	9.43	9.49	9.51
Nondurable Goods[c]	9.87	9.78	9.92	9.81	9.74	9.74	9.78	9.82	9.86	9.92	9.94	10.04	10.10
Food and kindred products	9.65	9.54	9.59	9.57	9.49	9.58	9.61	9.58	9.73	9.96	9.75	9.73	9.71
Printing and publishing	11.85	11.52	11.60	11.75	11.70	11.73	11.76	11.82	11.87	11.92	12.05	12.15	12.18
Chemicals and allied products	11.41	11.26	11.45	11.35	11.17	11.16	11.13	11.20	11.38	11.42	11.69	11.84	11.84
Rubber and misc. plastics products	7.82	8.05	7.80	7.77	7.76	7.77	7.78	7.92	7.90	7.88	7.78	7.65	7.77
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	13.03	12.59	12.89	12.69	12.76	12.79	12.82	12.98	13.34	13.38	13.30	13.54	13.37
WHOLESALE TRADE	7.70	7.62	7.55	7.63	7.64	7.63	7.59	7.72	7.71	7.76	7.73	7.83	7.93
RETAIL TRADE[d]	5.75	5.71	5.66	5.77	5.82	5.73	5.68	5.67	5.66	5.77	5.85	5.83	5.83
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-31-86 RS-790-4-5 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	40.9	40.3	37.9	41.7	40.9	40.5	41.1	40.8	40.9	41.7	41.0	41.7	41.8
Durable Goods[b]	40.9	40.3	37.6	42.1	40.8	40.5	41.2	40.9	40.9	41.8	41.0	41.7	42.0
Stone, clay, and glass products	40.5	39.9	37.0	40.1	40.5	40.1	41.9	42.1	41.2	41.4	40.7	41.2	39.9
Glass and glassware, pressed or blown .	39.1	37.9	37.0	39.3	38.8	39.0	40.2	39.5	39.7	40.9	39.7	39.6	37.8
Fabricated metal products	40.5	40.4	37.8	40.5	41.6	40.3	40.0	41.0	40.1	40.8	40.6	40.8	42.2
Fabricated structural metal products ..	39.3	40.5	35.7	38.8	38.1	38.6	39.7	40.1	39.5	39.6	39.0	40.4	41.6
Machinery, except electrical	40.3	41.1	37.7	40.8	39.9	39.4	40.0	41.3	40.5	40.5	40.5	40.4	41.2
Electric and electronic equipment	41.3	40.8	38.3	43.3	41.5	40.7	41.4	41.4	41.6	41.5	40.7	42.1	42.4
Transportation equipment	42.6	41.7	39.5	45.3	41.7	42.2	42.9	40.3	41.5	44.7	43.2	44.2	43.9
Instruments and related products	39.9	38.1	33.5	41.7	40.9	39.6	39.9	38.5	40.5	41.3	40.4	41.6	42.4
Nondurable Goods[c]	40.7	40.2	38.6	40.8	41.0	40.3	41.0	40.6	40.8	41.6	41.0	41.6	41.2
Food and kindred products	40.2	38.3	38.0	39.8	39.5	40.9	40.9	40.7	40.2	41.8	40.6	40.9	40.5
Printing and publishing	39.5	38.3	39.6	39.0	40.5	38.9	39.4	39.5	39.3	39.3	39.4	40.5	40.7
Chemicals and allied products	42.5	42.8	42.2	43.1	42.3	41.8	43.2	41.9	41.9	41.5	42.4	43.8	43.3
Rubber and misc. plastics products	41.3	41.8	36.5	42.2	42.7	39.7	40.4	40.7	42.5	43.7	42.2	42.6	40.6
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ...	40.7	39.9	40.6	40.1	40.6	40.2	40.4	41.2	40.5	41.1	40.6	41.7	41.1
WHOLESALE TRADE	38.5	38.7	38.4	38.9	38.8	38.7	38.4	38.4	38.2	38.4	38.3	38.7	38.7
RETAIL TRADE	29.0	28.0	26.9	28.0	27.9	29.2	29.5	30.1	30.3	29.5	29.2	29.2	29.9
FINANCE, INSURANCE, AND REAL ESTATE	....	....	....	....	....	....	....	....	....	....	....	....	....
Banking	....	....	....	....	....	....	....	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-3-5 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$442.95	$428.79	$409.32	$452.45	$441.72	$433.76	$442.65	$439.42	$440.49	$454.53	$445.26	$456.62	$463.14
Durable Goods[b]	460.13	443.30	420.74	475.31	459.41	450.77	461.85	458.08	456.85	474.01	462.07	473.30	483.84
Stone, clay, and glass products	470.61	462.84	428.09	457.94	474.66	450.72	495.68	495.52	479.98	480.65	475.78	480.39	468.03
Glass and glassware, pressed or blown .	432.45	429.03	413.66	430.34	437.28	421.98	447.02	428.18	429.95	442.95	441.86	441.14	425.25
Fabricated metal products	495.32	478.74	468.34	496.53	521.25	494.88	481.60	504.30	475.99	496.13	493.70	502.25	530.45
Fabricated structural metal products ..	388.28	385.97	350.57	380.24	369.57	377.89	400.57	401.80	386.71	390.85	389.22	404.40	424.32
Machinery, except electrical	405.42	414.29	375.12	409.22	399.40	392.03	396.40	417.54	405.81	409.86	411.48	407.23	423.54
Electric and electronic equipment	454.30	439.82	419.39	478.90	457.75	442.82	453.33	452.09	459.26	459.82	442.41	468.15	481.24
Transportation equipment	524.83	499.15	482.30	576.67	507.49	516.53	529.39	484.41	508.38	559.64	528.77	548.08	555.34
Instruments and related products	372.27	341.00	298.82	391.98	387.73	369.07	371.87	363.06	374.22	384.09	380.97	394.78	403.22
Nondurable Goods[c]	401.71	393.16	382.91	400.25	399.34	392.52	400.98	398.69	402.29	412.67	407.54	417.66	416.12
Food and kindred products	387.93	365.38	364.42	380.89	374.86	391.82	393.05	389.91	391.15	416.33	395.85	397.96	393.26
Printing and publishing	468.08	441.22	459.36	458.25	473.85	456.30	463.34	466.89	466.49	468.46	474.77	492.08	495.73
Chemicals and allied products	484.93	481.93	483.19	489.19	472.49	466.49	480.82	469.28	476.82	473.93	495.66	518.59	512.67
Rubber and misc. plastics products	322.97	336.49	284.70	327.89	331.35	308.47	314.31	322.34	335.75	344.36	328.32	325.89	315.46
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	530.32	502.34	523.33	508.87	518.06	514.16	517.93	534.78	540.27	549.92	539.98	564.62	549.51
WHOLESALE TRADE	296.45	294.89	289.92	296.81	296.43	295.28	291.46	296.45	294.52	297.98	296.06	303.02	306.89
RETAIL TRADE[d]	166.75	159.88	152.25	161.56	162.38	167.32	167.56	170.67	171.50	170.22	170.82	170.24	174.32
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	......	......	......	......	......	......	......	......	......	......
Banking	238.05	233.84	231.30	232.04	243.82	247.31	236.41	237.09	236.91	238.06	237.92	239.31	241.53

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Estimates are based on the new metropolitan statistical area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-5 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	576.4	553.7	558.3	561.8	569.6	574.6	579.7	573.3	577.0	584.0	591.0	595.5	598.1
MANUFACTURING	104.7	101.5	102.2	102.9	104.0	104.3	105.3	105.7	106.2	106.7	105.9	106.0	106.2
Durable Goods[b]	69.0	66.2	66.8	67.4	68.5	68.5[e]	69.2	69.6	70.2	70.8	70.2	70.2	70.3
Stone, clay, and glass products	12.4	12.0	12.1	12.2	12.3	12.4	12.5	12.3	12.6	12.5	12.7	12.5	12.4
Glass and glassware, pressed or blown	5.2	5.1	5.2	5.3	5.2	5.3	5.3	5.1	5.3	5.3	5.3	5.2	5.2
Fabricated metal products	10.6	10.4	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.8	10.4	10.7	10.7
Fabricated structural metal products	3.1	3.0	3.0	2.9	3.0	3.0	3.1	3.2	3.2	3.2	3.1	3.1	3.1
Machinery, except electrical	10.8	10.2	10.4	10.4	10.6	10.8	10.9	10.9	11.1	11.1	11.1	10.9	10.9
Electric and electronic equipment	11.7	11.3	11.4	11.3	11.6	11.7	11.8	11.9	12.0	12.1	12.0	12.0	12.0
Transportation equipment	12.8	12.3	12.4	12.5	12.7	13.0	13.1	13.0	13.0	13.0	12.9	12.8	13.0
Instruments and related products	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.2	4.3
Nondurable Goods[c]	35.7	35.3	35.4	35.5	35.5	35.8	36.1	36.1	36.0	35.9	35.8	35.8	35.9
Food and kindred products	10.1	10.1	10.1	10.2	10.1	10.1	10.2	10.2	10.1	10.0	9.9	9.8	9.9
Printing and publishing	9.0	9.0	9.0	9.0	8.9	9.0	9.0	9.0	9.0	9.0	9.1	9.2	9.2
Chemicals and allied products	6.8	6.7	6.7	6.8	6.8	6.8	6.9	6.9	7.0	6.9	6.8	6.8	6.8
Rubber and misc. plastics products	5.1	4.8	4.8	4.8	4.9	5.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
NONMANUFACTURING[d]	471.6	452.2	456.1	458.9	465.6	470.3	474.4	467.5	470.8	477.3	485.0	489.4	492.0
CONSTRUCTION	19.2	16.0	16.0	16.1	17.7	18.9	20.0	20.9	21.4	21.3	21.2	20.9	20.3
TRANSPORTATION AND PUBLIC UTILITIES	26.1	25.4	25.8	25.8	25.8	26.0	26.0	25.9	26.2	26.3	26.6	26.4	26.5
Trucking and warehousing	10.4	9.5	9.9	9.9	9.9	10.1	10.2	10.3	10.6	10.7	11.0	11.0	11.4
Communication, electric, gas services	11.9	12.2	12.2	12.2	12.2	12.1	11.9	11.7	11.7	11.6	11.6	11.4	11.3
WHOLESALE TRADE	31.2	29.8	30.0	30.2	30.5	30.8	31.0	31.5	31.7	32.0	32.1	32.3	32.4
Wholesale trade-durable goods	20.2	19.4	19.5	19.7	19.7	19.9	20.0	20.4	20.5	20.8	20.8	21.0	21.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
RETAIL TRADE	110.1	104.7	104.0	104.6	107.0	108.8	109.6	109.2	110.7	112.3	113.7	117.0	119.2
General merchandise stores	15.8	15.8	15.2	15.0	15.0	15.0	15.2	15.0	15.2	15.5	16.2	18.0	18.8
FINANCE, INSURANCE, AND REAL ESTATE	46.7	45.4	45.7	45.8	46.0	46.2	46.8	47.2	47.5	47.4	47.4	47.6	47.8
Banking	9.7	9.5	9.5	9.5	9.6	9.5	9.6	9.8	9.9	10.1	9.9	10.0	10.1
Insurance carriers	18.9	18.8	18.8	18.9	18.8	18.8	19.0	19.0	18.9	18.9	18.8	18.9	18.9
SERVICES	127.5	120.3	121.8	123.1	125.1	126.8	129.2	129.9	130.0	130.6	130.7	131.2	130.8
Business services	25.7	23.3	23.6	24.0	24.5	24.9	25.6	26.4	26.9	27.2	27.0	27.2	27.3
Health services	34.2	33.2	33.4	33.4	33.7	33.9	34.3	34.4	34.4	34.6	34.8	34.9	35.1
GOVERNMENT	109.8	109.5	111.8	112.2	112.3	111.7	110.6	101.9	102.2	106.4	112.3	113.0	113.9
Federal government	14.6	14.2	14.3	14.3	14.3	14.3	14.7	14.7	14.7	14.8	14.8	15.0	15.0
State government	48.5	47.6	50.0	50.2	50.1	49.4	50.2	44.2	44.9	45.3	49.6	49.7	50.4
State government education[f]	20.1	19.1	21.2	21.6	21.3	21.2	21.7	16.0	16.5	17.4	21.7	21.7	22.4
State government, except education	28.3	28.5	28.8	28.6	28.8	28.3	28.5	28.3	28.4	27.9	27.9	28.0	28.1
Local government	46.7	47.7	47.5	47.6	47.9	48.0	45.7	43.0	42.6	46.2	47.9	48.4	48.4
Local government education	27.2	28.2	28.2	28.3	28.5	28.5	25.5	22.5	22.8	27.0	28.6	29.0	29.1
Local government, except education	19.6	19.4	19.3	19.3	19.5	19.5	20.1	20.5	19.8	19.3	19.4	19.3	19.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway, and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-17-86 RS-790-1-5 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	548.5	530.1	530.1	534.4	541.6	546.6	551.2	548.5	548.2	558.1	561.9	565.5	565.6
MANUFACTURING	98.7	95.9	96.2	96.5	97.4	97.7	98.3	98.7	99.8	100.7	100.9	101.6	101.2
Durable Goods[b]	63.5	60.8	61.3	61.4	62.3	62.7	63.0	63.5	64.6	65.3	65.4	66.2	65.8
Stone, clay, and glass products	12.6	12.3	12.3	12.2	12.6	12.6	12.9	12.6	13.0	13.0	12.9	13.0	12.3
Glass and glassware, pressed or blown	5.6	5.7	5.9	5.9	5.8	5.8	5.8	5.4	5.6	5.7	5.6	5.6	4.9
Fabricated metal products	9.9	9.1	9.4	9.6	9.8	9.9	9.8	9.9	10.0	10.1	10.1	10.2	10.2
Fabricated structural metal products	3.1	3.2	3.1	3.1	3.1	3.0	3.0	3.1	3.1	3.1	3.0	3.0	3.0
Machinery, except electrical	9.5	9.4	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.6	9.7	9.8	9.9
Electric and electronic equipment	11.1	11.0	10.9	11.0	10.9	10.9	10.8	11.0	11.1	11.3	11.4	11.5	11.3
Transportation equipment	10.9	9.8	10.0	10.1	10.4	10.6	10.9	11.2	11.3	11.6	11.6	11.9	12.1
Instruments and related products	3.8	3.8	3.8	3.8	3.8	3.7	3.8	3.9	3.9	3.9	3.9	3.9	4.0
Nondurable Goods[c]	35.2	35.1	34.9	35.1	35.0	35.0	35.4	35.2	35.2	35.5	35.6	35.4	35.3
Food and kindred products	10.3	10.3	10.3	10.5	10.5	10.3	10.4	10.2	10.3	10.3	10.2	10.1	10.2
Printing and publishing	8.9	8.8	8.8	8.8	8.8	8.8	8.7	8.9	8.8	8.8	9.1	9.0	9.1
Chemicals and allied products	6.9	6.9	6.9	7.0	7.0	7.0	7.0	6.9	6.8	6.7	6.7	6.7	6.7
Rubber and misc. plastics products	4.4	4.2	4.2	4.2	4.1	4.1	4.3	4.4	4.5	4.7	4.6	4.6	4.7
NONMANUFACTURING[d]	449.7	434.2	434.0	437.8	444.2	448.9	452.9	449.8	448.4	457.4	460.9	463.9	464.4
CONSTRUCTION	16.8	13.9	13.5	14.3	15.0	16.1	17.3	18.2	18.8	19.1	19.1	18.9	17.9
TRANSPORTATION AND PUBLIC UTILITIES	24.7	24.2	24.1	24.3	24.5	24.7	25.0	25.1	22.4	25.5	25.4	25.5	25.8
Trucking and warehousing	9.2	8.5	8.6	8.7	8.9	9.0	9.2	9.3	9.4	9.6	9.5	9.6	9.9
Communication, electric, gas services	11.7	11.9	11.9	11.9	11.9	11.9	12.0	11.9	9.2[e]	12.0	12.0	12.1	12.1
WHOLESALE TRADE	29.0	28.1	29.1	28.2	28.6	28.8	29.0	29.1	29.3	29.5	29.8	29.8	29.8
Wholesale trade—durable goods	18.7	18.1	18.0	18.1	18.3	18.4	18.6	18.7	18.9	19.1	19.3	19.3	19.3
RETAIL TRADE	102.9	98.5	96.2	97.4	100.4	102.4	103.0	103.1	104.2	105.8	105.9	108.5	109.9
General merchandise stores	15.3	15.8	14.5	14.6	14.6	14.7	14.6	14.8	15.1	15.2	15.2	16.5	17.4
FINANCE, INSURANCE, AND REAL ESTATE	45.0	43.8	44.1	44.2	44.4	44.7	45.3	45.7	45.8	45.8	45.5	45.5	45.8
Banking	9.2	9.2	9.2	9.1	9.1	9.1	9.2	9.3	9.3	9.4	9.3	9.3	9.3
Insurance carriers	18.8	18.7	18.7	18.7	18.7	18.8	18.9	18.8	18.8	18.7	18.8	18.9	19.0
SERVICES	119.6	114.2	115.0	116.3	118.3	119.4	121.2	121.2	121.3	122.5	122.2	122.4	121.6
Business services	22.2	20.5	20.8	21.0	21.4	21.8	22.4	22.7	22.9	23.1	23.3	23.2	23.6
Health services	33.2	32.7	32.7	32.9	33.0	33.0	33.2	33.3	33.4	33.4	33.4	33.4	33.4
GOVERNMENT	110.5	110.5	111.8	112.1	112.0	111.7	111.0	106.4	105.5	108.0	111.9	112.3	112.6
Federal government	14.3	14.2	14.1	14.2	14.2	14.2	14.4	14.4	14.3	14.3	14.3	14.4	14.3
State government	48.8	49.2	50.1	50.3	50.5	49.8	49.4	45.2	44.8	45.9	49.9	50.0	50.5
State government education[f]	19.7	19.7	20.7	20.8	21.2	20.6	20.3	15.8	15.7	17.1	21.2	21.3	21.8
State government, except education	29.1	29.5	29.4	29.5	29.3	29.2	29.2	29.3	29.1	28.8	28.7	28.7	28.6
Local government	47.4	47.1	47.6	47.6	47.3	47.7	47.2	46.8	46.4	47.8	47.8	47.9	47.7
Local government education	26.8	27.7	28.2	27.9	27.3	27.3	26.1	22.6	22.3	27.2	28.1	28.4	28.3
Local government, except education	20.6	19.4	19.4	19.7	20.0	20.4	21.2	24.2	24.0	20.6	19.7	19.5	19.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Licking, Madison, Pickaway and Union Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes. [f] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education.

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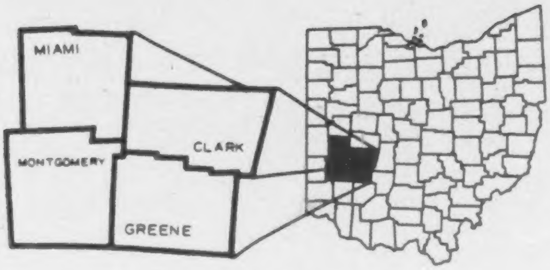
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA

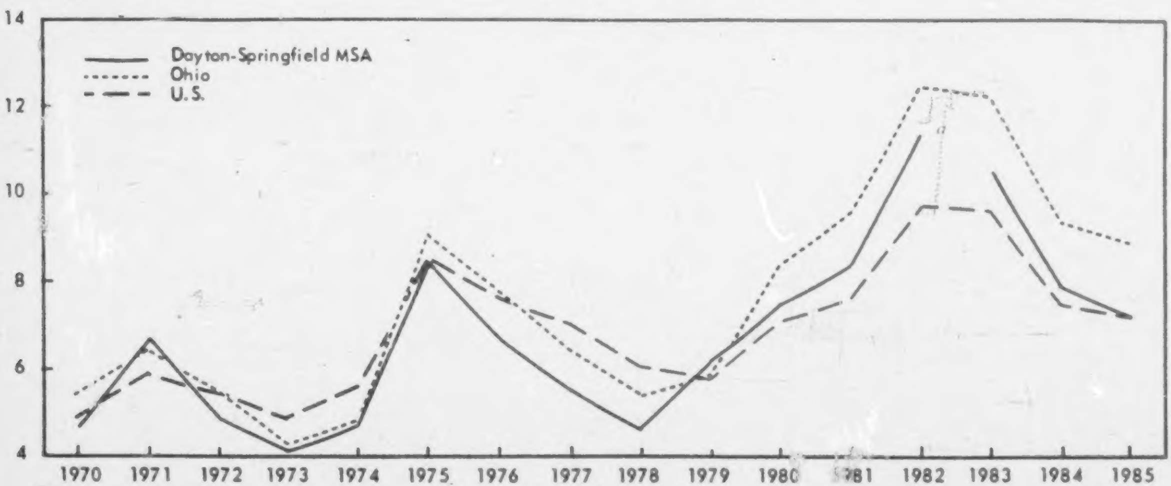


In the Dayton-Springfield metropolitan area, the estimated average civilian labor force, based on place of residence, increased by 7,900 from 1984 to 447,900 in 1985. Total employment rose 10,800 over the year while the number of unemployed dropped 2,900 to 32,300. The unemployment rate declined from 8.0 percent in 1984 to 7.2 percent in 1985 (see table, page 97).

Total nonagricultural wage and salary employment rose 3.9 percent, or 15,100 jobs, from 1984 to 1985. Services gained 5,300 jobs, while retail trade increased 3,800. Manufacturing employment rose 2,700, due chiefly to gains in transportation equipment. Transportation and public utilities had the only employment drop among the major divisions, because of declines in the communications industry.

The Dayton-Springfield area has recovered 97.3 percent of the nonagricultural wage and salary employment lost between the peak year of 1979 and the recession years of 1982 and 1983. Nearly all major employment divisions had increased employment in 1985. Gains in services, retail trade, and construction accounted for much of the overall rise. Manufacturing had recovered 40.4 percent of its employment lost during the same period. Within manufacturing, transportation equipment had the most improvement. Electric and electronic equipment, which suffered a 52.4 percent loss from 1979 to 1983, had only a 9.1 percent recovery rate in 1985.

DAYTON-SPRINGFIELD MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



[a] Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES [a] (Absolute data in thousands)

Dayton-Springfield Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Dayton-Springfield	Ohio	U.S.
1970	353.9	337.4	16.5	4.7	5.4	4.9
1971	349.5	326.1	23.3	6.7	6.5	5.9
1972	353.5	336.2	17.3	4.9	5.5	5.6
1973	358.0	343.5	14.5	4.1	4.3	4.9
1974	359.5	342.5	17.0	4.7	4.8	5.6
1975	357.6	327.7	29.9	8.4	9.1	8.5
1976	360.5	336.3	24.2	6.7	7.8	7.7
1977	368.6	348.3	20.3	5.5	6.5	7.1
1978	381.1	363.7	17.3	4.6	5.4	6.1
1979	392.2	367.9	24.2	6.2	5.9	5.8
1980	390.2	361.0	29.2	7.5	8.4	7.1
1981	390.8	357.9	32.8	8.4	9.6	7.6
1982	391.8	347.1	44.7	11.4	12.5	9.7
1983	438.5	391.9	46.6	10.6	12.2	9.6
1984	440.1	404.8	35.2	8.0	9.4	7.5
1985	447.9	415.6	32.3	7.2	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA

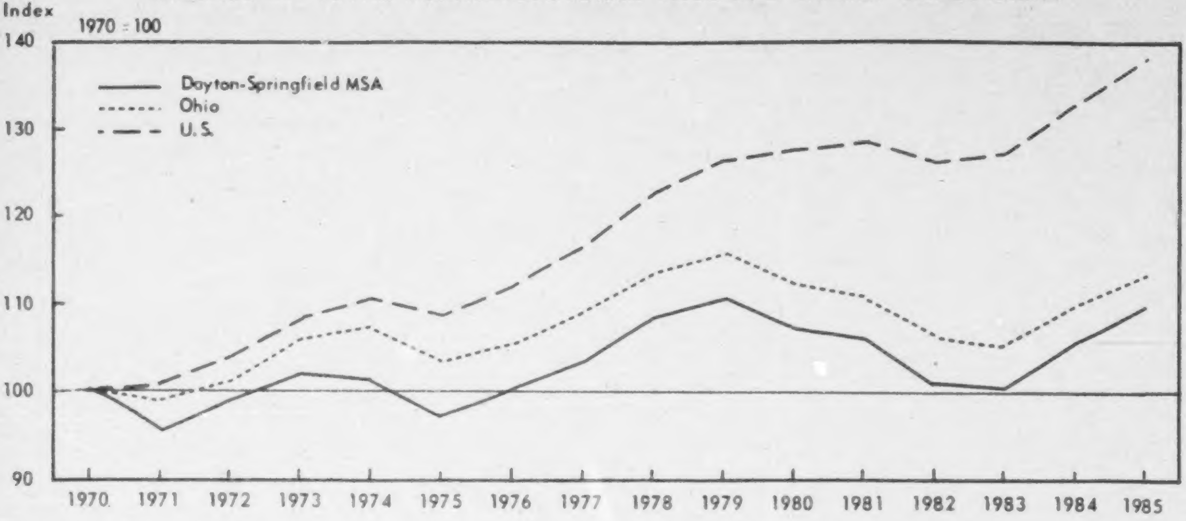
1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Dayton-Springfield	Ohio
TOTAL	408.8	372.3	407.8	-36.5	35.5	97.3	72.9
MANUFACTURING	122.5	95.5	106.4	-27.0	10.9	40.4	18.1
Durable Goods	86.2	68.7	77.3	-17.5	8.6	49.1	17.7
Machinery, except electrical	35.9	30.0	32.6	-5.9	2.6	44.1	17.2
Electric and electronic equipment	10.5	5.0	5.5	-5.5	0.5	9.1	3.9
Electrical industrial apparatus	4.7	2.9	2.9	-1.8	0.0	0.0	-
Transportation equipment	20.1	17.7	21.6	-2.4	3.9	162.5	58.2
Nondurable Goods	36.3	26.8	29.1	-9.5	2.3	24.2	19.5
Printing and publishing	10.2	7.7	8.3	-2.5	0.6	24.0	79.2
Rubber and misc. plastics products	12.2	7.7	8.3	-4.5	0.6	13.3	34.6
CONSTRUCTION	15.8	10.6	13.6	-5.2	3.0	57.7	44.7
TRANSPORTATION AND PUBLIC UTILITIES	16.3	13.9	14.5	-2.4	0.6	25.0	11.9
WHOLESALE TRADE	16.6	17.5	19.1	0.9	1.6	+	233.0
RETAIL TRADE	68.4	63.1	71.1	-5.3	8.0	150.9	251.0
FINANCE, INSURANCE, AND REAL ESTATE	15.6	15.8	16.7	0.2	0.9	+	+
SERVICES	79.5	84.7	94.5	5.2	9.8	+	+
GOVERNMENT	73.6	70.8	71.6	-2.8	0.8	28.6	48.0

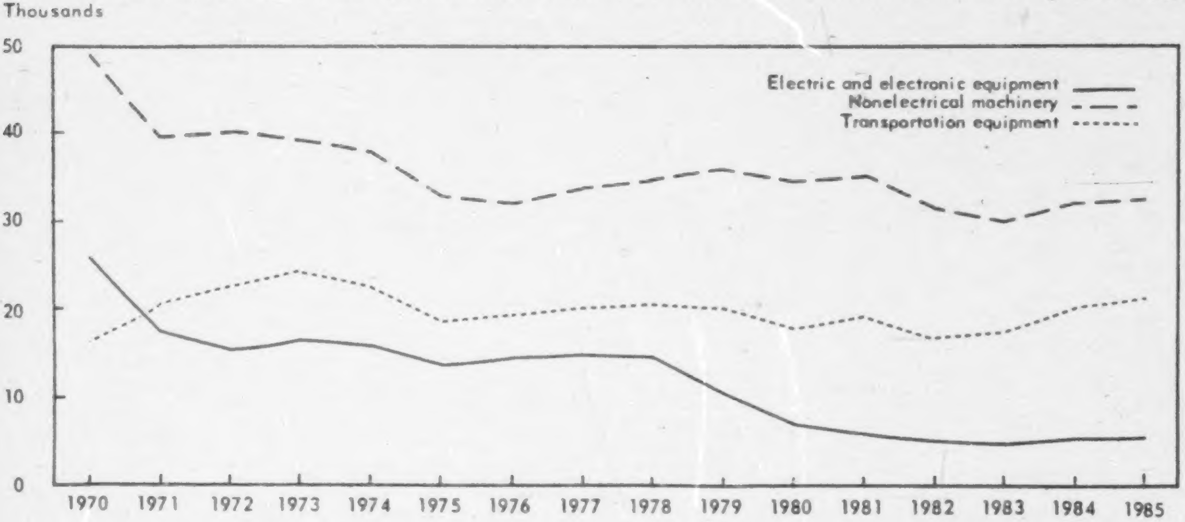
+ No downturn, 1979-1983

- No upturn, 1983-1985

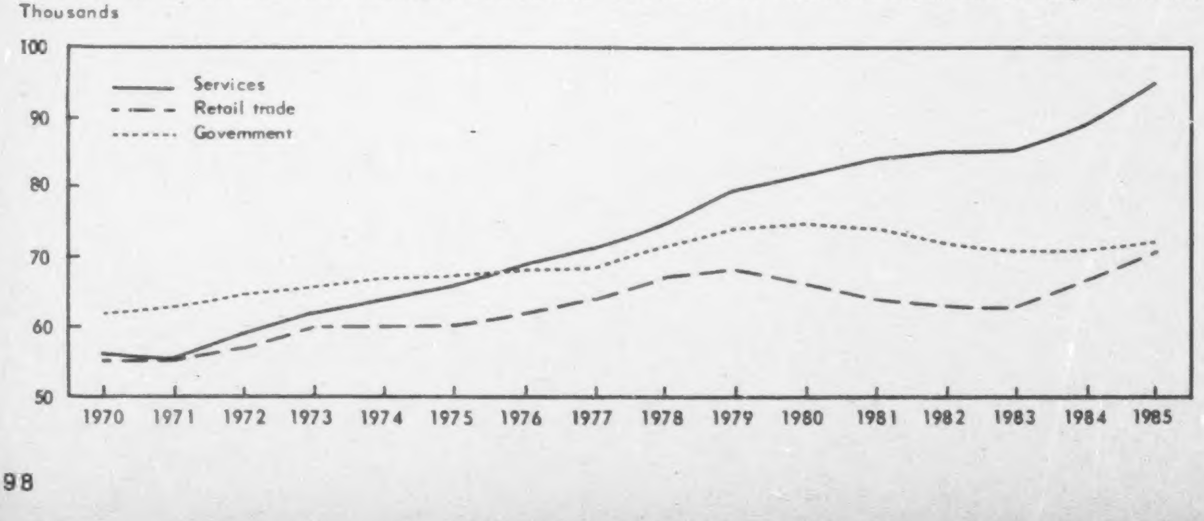
INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)

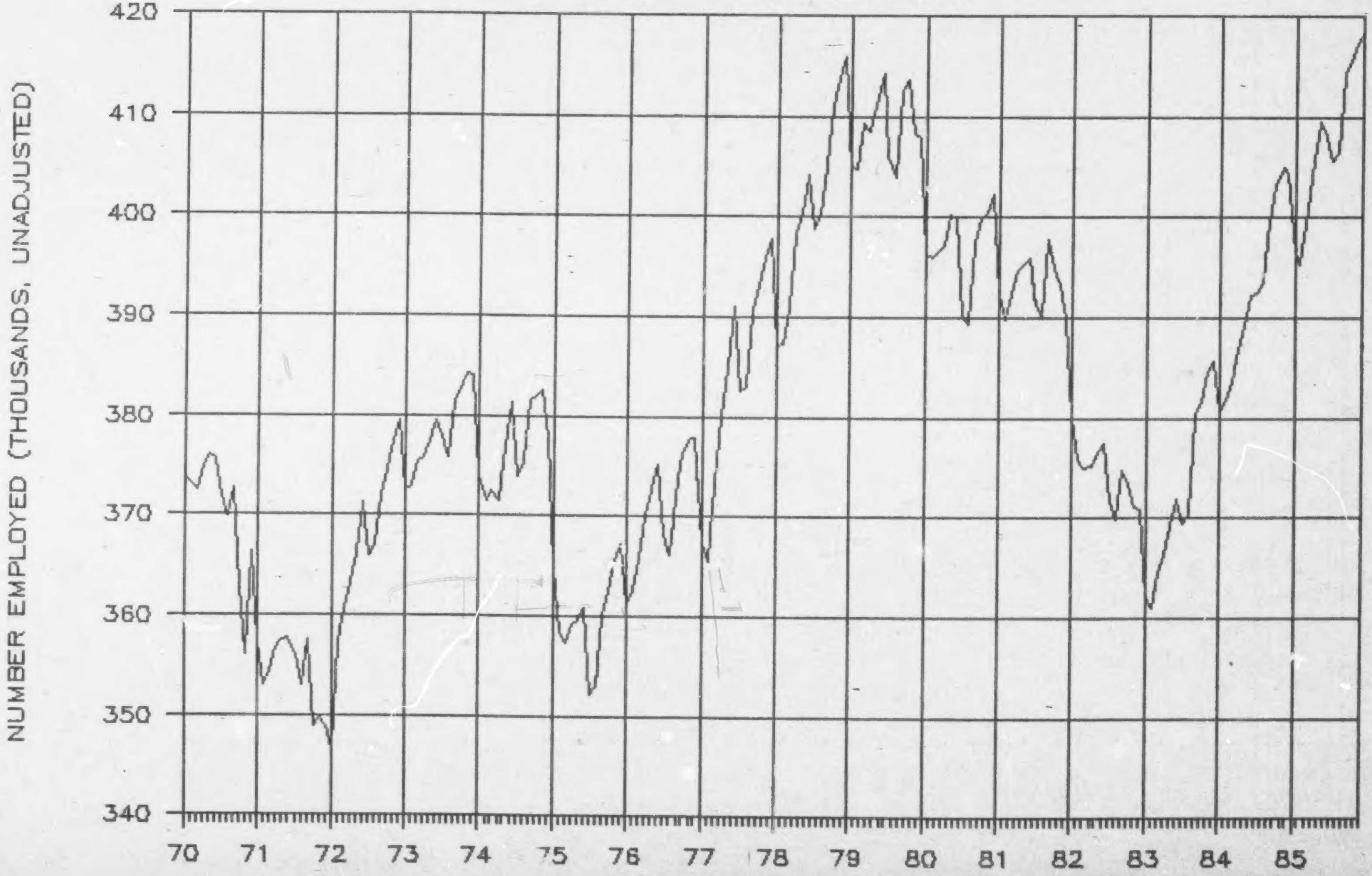


DAYTON-SPRINGFIELD MSA NONAGRICULTURAL EMPLOYMENT (Selected Nonmanufacturing Industries)



DAYTON–SPRINGFIELD MSA

TOTAL NONAGRICULTURAL EMPLOYMENT



NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	407.8	396.5	395.4	401.0	405.7	409.5	408.0	405.7	406.5	414.2	415.5	417.4	418.2
MANUFACTURING	106.4	105.1	105.5	106.3	106.3	106.7	106.9	106.5	106.4	107.3	107.0	106.6	106.6
Durable Goods[b]	77.3	76.5	76.8	77.4	77.4	77.6	78.1	77.8	77.3	77.6	77.4	77.1	77.0
Fabricated metal products	8.4	8.2	8.2	8.2	8.4	8.6	8.6	8.7	8.7	8.6	8.5	8.4	8.2
Machinery, except electrical	32.6	33.1	32.9	32.9	32.8	32.8	32.9	32.7	32.3	32.3	32.2	32.0	32.0
Metalworking machinery	7.0	7.0	7.0	6.9	6.9	6.9	7.0	6.9	7.0	7.0	7.0	7.0	7.0
General industrial machinery	2.9	2.9	3.0	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7
Electric and electronic equipment	5.5	5.7	5.7	5.6	5.5	5.5	5.6	5.5	5.4	5.4	5.4	5.5	5.5
Electrical industrial apparatus	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	2.9	3.0
Transportation equipment	21.6	20.5	21.0	21.6	21.5	21.6	21.7	21.6	21.5	22.0	21.9	22.0	22.2
Nondurable Goods[c]	29.1	28.6	28.7	28.9	28.9	29.0	28.8	28.8	29.2	29.6	29.5	29.5	29.6
Food and kindred products	3.0	3.0	3.0	3.1	2.9	2.8	2.9	2.9	2.9	2.9	3.1	3.0	3.0
Paper and allied products	5.7	5.7	5.7	5.7	5.8	5.8	5.6	5.5	5.7	5.8	5.9	5.9	5.8
Printing and publishing	8.3	8.2	8.2	8.2	8.3	8.3	8.2	8.3	8.4	8.4	8.4	8.5	8.6
Rubber and misc. plastics products	8.3	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.5	8.4	8.4	8.4
NONMANUFACTURING[d]	301.4	291.4	290.0	294.7	299.4	302.9	301.1	299.2	300.0	307.0	308.5	310.8	311.6
CONSTRUCTION	13.6	10.9	10.2	11.2	12.8	13.7	14.1	14.6	15.1	15.2	15.5	15.2	14.4
TRANSPORTATION AND PUBLIC UTILITIES	14.5	14.0	14.0	14.1	14.3	14.5	14.7	14.8	14.6	14.8	14.8	14.7	14.7
Communication, electric, gas services	6.0	6.1	6.1	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	6.0	5.9
WHOLESALE TRADE	19.1	18.7	18.5	18.8	19.0	19.1	19.1	19.2	19.2	19.2	19.3	19.4	19.6
Wholesale trade-durable goods	13.0	12.8	12.7	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.3
RETAIL TRADE	71.1	68.1	66.6	67.7	69.4	70.7	71.2	71.7	72.0	72.4	73.0	74.5	76.0
General merchandise stores	11.4	11.7	11.0	11.1	11.0	11.1	11.0	10.9	10.9	11.2	11.5	12.2	13.0

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	16.7	16.2	16.0	16.4	16.5	16.6	16.9	17.1	17.1	16.9	16.8	16.8	16.8
Banking	4.1	4.0	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.1
Credit agencies other than banks	4.3	4.2	3.9	4.2	4.2	4.2	4.2	4.3	4.3	4.4	4.4	4.5	4.5
Insurance carriers	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	2.9	2.8	2.8	2.8
SERVICES	94.5	91.3	91.7	93.2	94.3	94.3	94.7	94.3	94.2	96.4	96.4	96.8	96.6
Business services	20.3	18.8	18.8	19.2	19.8	20.0	20.3	20.4	20.9	21.2	21.2	21.5	21.5
Health services	33.6	33.4	33.3	33.6	33.4	33.5	33.8	33.6	33.4	33.6	33.5	33.6	34.0
Educational services	6.8	7.3	7.7	7.8	7.5	6.6	5.8	5.2	4.9	6.9	7.3	7.6	6.8
GOVERNMENT	71.6	72.0	72.7	73.0	72.8	73.6	70.0	67.0	67.4	71.5	72.4	73.1	73.2
Federal government	27.5	26.6	26.6	26.5	27.5	27.6	27.8	28.1	28.3	28.2	27.6	27.6	27.7
State government	6.4	6.3	6.6	6.6	6.6	6.4	6.6	5.8	5.8	5.7	6.5	6.8	6.7
State government education	3.8	3.7	4.0	4.0	4.0	3.9	4.0	3.1	3.1	3.1	3.9	4.2	4.1
State government, except education	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	37.7	39.1	39.5	39.9	38.6	39.5	35.6	33.1	33.2	37.6	38.3	38.7	38.8
Local government education	23.2	24.7	25.1	25.5	24.3	24.9	20.7	18.2	18.5	23.3	24.1	24.5	24.6
Local government, except education	14.5	14.4	14.4	14.4	14.4	14.5	14.9	14.9	14.8	14.4	14.3	14.2	14.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

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AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$11.97	$11.75	$11.86	$11.72	$11.84	$11.80	$12.18	$12.15	$11.81	$12.10	$11.96	$12.05	$12.33
Durable Goods[b]	12.14	11.87	12.01	11.84	11.93	11.92	12.31	12.27	11.98	12.33	12.22	12.30	12.65
Fabricated metal products	8.79	8.36	8.51	8.60	8.64	8.71	8.79	8.87	8.89	8.94	8.95	9.02	9.18
Machinery, except electrical	12.44	12.11	12.31	12.10	12.19	12.18	12.46	12.56	12.40	12.49	12.79	12.76	12.89
Metalworking machinery	11.55	11.56	11.42	11.52	11.50	11.40	11.51	11.39	11.51	11.39	11.56	11.71	12.04
General industrial machinery	10.28	9.88	10.21	10.35	10.14	10.15	10.20	10.19	10.53	10.41	10.48	10.36	10.42
Electric and electronic equipment	8.91	8.54	8.42	8.54	8.83	8.78	8.95	8.83	9.25	9.30	9.29	9.06	9.12
Electrical industrial apparatus	9.67	9.21	9.12	9.29	9.51	9.51	9.67	9.40	9.95	10.07	10.06	10.10	10.03
Transportation equipment	14.81	14.74	14.75	14.58	14.62	14.60	15.18	14.97	14.46	15.08	14.56	14.72	15.26
Nondurable Goods[c]	11.45	11.38	11.44	11.34	11.59	11.46	11.78	11.76	11.30	11.41	11.19	11.33	11.39
Food and kindred products	9.02	9.27	8.87	8.97	9.33	9.24	9.08	9.16	9.18	9.03	8.79	8.77	8.71
Paper and allied products	9.84	9.77	9.73	9.74	9.75	9.69	10.15	9.90	9.86	9.80	9.61	9.97	10.08
Printing and publishing	10.54	10.30	10.25	10.30	10.26	10.48	10.68	10.67	10.56	10.91	10.81	10.70	10.64
Rubber and misc. plastics products	14.55	14.41	14.82	14.41	14.68	14.39	14.84	14.92	14.34	14.44	14.18	14.47	14.62
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	12.98	12.60	12.78	12.74	12.83	12.79	12.86	12.34	13.19	13.32	13.28	13.35	13.26
WHOLESALE TRADE	9.03	8.94	9.07	8.88	8.95	8.95	8.82	9.00	8.95	8.98	9.20	9.40	9.14
RETAIL TRADE[d]	5.40	5.49	5.42	5.49	5.38	5.37	5.33	5.37	5.40	5.44	5.46	5.38	5.35

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

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AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.2	43.4	40.7	43.1	43.2	43.0	44.6	44.2	42.6	43.7	42.6	43.0	44.6
Durable Goods[b]	43.5	43.8	40.8	43.2	43.3	43.2	44.9	44.5	42.8	44.1	42.9	43.2	45.1
Fabricated metal products	40.7	41.5	38.3	41.4	39.9	41.8	41.2	40.4	41.2	40.3	40.1	40.6	41.8
Machinery, except electrical	44.4	44.8	42.6	44.3	44.8	44.3	45.5	44.8	43.9	44.2	43.9	44.0	45.2
Metalworking machinery	46.6	46.9	43.8	47.3	46.9	46.7	47.3	46.6	45.5	46.2	46.6	46.6	48.6
General industrial machinery	41.5	41.0	39.8	41.6	41.6	40.8	42.6	41.7	43.4	41.8	41.4	40.8	42.0
Electric and electronic equipment	41.7	41.5	38.8	40.7	42.0	42.4	42.5	41.3	42.7	42.8	42.2	41.9	41.8
Electrical industrial apparatus	42.5	42.8	38.0	40.7	43.2	42.8	43.3	40.8	44.4	44.7	43.1	43.1	43.6
Transportation equipment	44.9	45.2	41.3	43.6	43.5	43.8	47.4	47.2	43.0	46.7	43.8	44.3	48.2
Nondurable Goods[c]	42.4	42.3	40.4	42.7	43.1	42.2	43.7	43.2	41.8	42.5	41.4	42.6	43.3
Food and kindred products	41.5	41.4	37.8	41.1	39.9	40.6	42.7	41.6	41.5	42.2	42.3	43.4	43.6
Paper and allied products	44.4	43.6	43.7	44.6	44.3	43.5	45.4	43.9	44.1	44.4	43.8	45.1	45.9
Printing and publishing	39.4	39.3	38.7	39.8	39.4	38.5	38.5	39.1	40.1	39.8	39.1	39.8	40.8
Rubber and misc. plastics products	43.8	44.1	41.0	43.8	45.8	44.1	46.1	46.5	41.5	43.2	41.5	43.5	43.9
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.2	39.4	39.5	39.7	40.2	39.9	40.2	40.5	40.4	40.8	40.4	40.8	40.7
WHOLESALE TRADE	41.3	41.8	40.5	41.5	40.8	41.0	42.0	41.8	41.4	41.0	41.4	40.9	41.4
RETAIL TRADE	29.3	27.9	27.3	28.5	28.7	29.9	30.3	30.1	30.1	29.8	29.5	29.2	30.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-3-8 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$517.10	$509.95	$482.70	$505.13	$511.49	$507.40	$543.23	$537.03	$503.11	$528.77	$509.50	$518.15	$549.92
Durable Goods[b]	528.09	519.91	490.01	511.49	516.57	514.94	552.72	546.02	512.74	543.75	524.24	531.36	570.52
Fabricated metal products	357.75	346.94	325.93	356.04	344.74	364.08	362.15	357.14	366.27	360.28	358.90	366.21	383.72
Machinery, except electrical	552.34	542.53	524.41	536.03	546.11	539.57	567.84	562.69	544.36	552.06	561.48	561.44	582.63
Metalworking machinery	538.23	542.16	500.20	544.90	539.35	532.38	544.42	530.77	523.71	526.22	538.70	545.69	585.14
General industrial machinery	426.62	405.08	406.36	430.56	421.82	414.12	434.52	424.92	457.00	435.14	433.87	422.69	437.64
Electric and electronic equipment	371.55	354.41	326.70	347.58	370.86	372.27	380.38	364.68	394.98	398.04	392.04	379.61	381.22
Electrical industrial apparatus	410.98	394.19	346.56	378.10	410.83	407.03	418.71	383.52	441.78	450.13	433.59	435.31	437.31
Transportation equipment	664.97	666.25	609.18	635.69	635.97	639.48	719.53	706.58	621.78	704.24	637.73	652.10	735.53
Nondurable Goods[c]	485.48	481.37	462.18	484.22	499.53	483.61	514.79	508.03	472.34	484.93	463.27	482.66	493.19
Food and kindred products	374.33	383.78	335.29	368.67	372.27	375.14	387.72	381.06	380.97	381.07	371.82	380.62	379.76
Paper and allied products	436.90	425.97	425.20	434.40	432.37	421.52	460.81	434.61	434.83	435.12	420.92	449.65	462.67
Printing and publishing	415.28	404.79	396.68	409.94	404.24	403.48	411.18	417.20	423.46	434.22	422.67	425.86	434.11
Rubber and misc. plastics products	637.29	635.48	607.62	631.16	672.34	634.60	684.12	693.78	595.11	623.81	588.47	629.45	641.82
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	521.80	496.44	504.81	505.78	515.77	510.32	516.97	520.02	532.88	543.46	536.51	544.68	539.68
WHOLESALE TRADE	372.94	373.69	367.34	368.52	365.16	366.95	370.44	376.20	370.53	368.18	380.88	384.46	378.40
RETAIL TRADE[d]	158.22	153.17	147.97	156.47	154.41	160.56	161.50	161.64	162.54	162.11	161.07	157.10	162.11

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-6 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	392.7	380.5	381.7	383.6	386.9	389.1	392.3	392.5	393.5	399.7	403.1	404.9	404.3
MANUFACTURING	103.7	100.5	100.8	101.9	102.5	102.7	103.6	104.4	104.6	105.4	105.6	106.1	105.8
Durable Goods[b]	75.2	72.7	73.0	73.8	74.3	74.5	75.3	75.8	75.9	76.5	76.6	77.2	76.9
Fabricated metal products	8.0	7.6	7.6	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.2	8.3	8.3
Machinery, except electrical	32.3	31.4	31.5	31.7	31.9	32.0	32.3	32.4	32.5	32.5	32.7	33.2	33.2
Metalworking machinery	6.5	6.1	6.2	6.2	6.3	6.4	6.5	6.5	6.6	6.6	6.8	6.8	6.9
General industrial machinery	3.0	3.1	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
Electric and electronic equipment	5.4	5.2	5.2	5.3	5.3	5.3	5.5	5.6	5.6	5.6	5.6	5.6	5.5
Electrical industrial apparatus	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0	2.9	2.9
Transportation equipment	20.2	19.6	19.5	20.0	20.1	20.1	20.2	20.0	20.0	20.6	20.5	20.6	20.7
Nondurable Goods[c]	28.5	27.8	27.8	28.2	28.2	28.2	28.3	28.6	28.7	28.9	29.0	29.0	28.9
Food and kindred products	3.0	2.8	2.7	2.8	2.8	2.7	2.8	3.1	3.2	3.2	3.2	3.1	3.0
Paper and allied products	5.6	5.4	5.4	5.5	5.5	5.5	5.6	5.6	5.7	5.7	5.8	5.8	5.8
Printing and publishing	8.0	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.1	8.1	8.1	8.2	8.3
Rubber and misc. plastics products	8.3	8.4	8.4	8.5	8.4	8.4	8.4	8.2	8.1	8.2	8.0	8.1	8.1
NONMANUFACTURING[d]	289.0	280.0	280.9	281.6	284.4	286.4	288.7	288.1	288.8	294.4	297.5	298.7	298.4
CONSTRUCTION	12.1	9.7	9.6	9.6	10.6	11.7	12.8	13.4	13.8	13.8	13.8	13.4	12.8
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.7	14.7	14.9	14.7	15.0	15.1	14.6	14.7	14.6	14.5	14.4	14.4
Communication, electric, gas services	6.5	6.8	6.8	6.8	6.8	6.8	6.8	6.4	6.4	6.3	6.2	6.1	6.1
WHOLESALE TRADE	18.4	17.8	17.7	17.8	18.1	18.2	18.5	18.6	18.7	18.7	18.8	19.0	19.0
Wholesale trade-durable goods	12.8	12.4	12.3	12.4	12.6	12.8	12.9	12.9	12.9	13.0	13.0	13.1	13.1
RETAIL TRADE	67.3	64.1	63.4	63.6	65.0	66.1	67.0	68.4	68.6	69.0	69.8	71.0	72.0
General merchandise stores	11.5	11.6	11.0	10.9	10.7	10.7	11.0	11.4	11.4	11.5	11.9	12.8	13.5

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1984[a] (Continued)

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	16.1	15.6	15.7	15.8	15.9	16.0	16.2	16.3	16.4	16.3	16.2	16.2	16.3
Banking	4.0	4.0	4.0	3.9	4.8	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.0
Credit agencies other than banks	4.1	3.9	4.0	4.0	4.1	4.1	4.1	4.0	4.0	4.1	4.1	4.1	4.2
Insurance carriers	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.2	3.2	3.2
SERVICES	89.2	86.2	87.2	87.4	88.0	87.2	88.8	89.4	89.7	91.7	91.7	91.6	90.9
Business services	17.4	16.0	16.2	16.2	16.4	16.6	17.0	17.8	18.1	18.5	18.8	18.8	18.9
Health services	33.2	32.7	32.8	32.9	32.8	33.0	33.2	33.5	33.5	33.6	33.3	33.4	33.5
Educational services	6.5	6.6	7.3	7.3	7.0	5.6	5.5	5.3	4.8	7.0	7.4	7.4	6.7
GOVERNMENT	70.9	71.8	72.3	72.3	71.8	71.8	69.8	67.1	66.6	70.0	72.4	72.7	72.6
Federal government	26.5	26.7	26.7	26.8	26.2	26.1	26.7	26.6	26.6	26.3	26.4	26.4	26.6
State government	6.2	6.1	6.4	6.4	6.4	6.3	6.6	5.7	5.7	5.7	6.6	6.7	6.4
State government education	3.6	3.5	3.8	3.9	3.9	3.7	3.9	3.1	3.1	3.0	4.0	4.1	3.8
State government, except education	2.6	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Local government	38.2	39.0	39.2	39.1	39.2	39.4	36.6	34.7	34.3	38.1	39.5	39.6	39.5
Local government education	23.5	24.5	24.8	24.6	24.7	24.7	21.4	19.5	19.3	23.4	24.9	25.1	25.0
Local government, except education	14.7	14.5	14.4	14.4	14.5	14.8	15.2	15.2	15.0	14.7	14.6	14.5	14.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton-Springfield area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-86 RS-790-1-6 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON-SPRINGFIELD METROPOLITAN AREA, 1983[a]

(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	372.3	362.0	361.1	364.6	366.4	369.3	371.9	369.5	370.3	380.4	381.6	384.7	385.6
MANUFACTURING	95.5	91.5	91.5	92.5	92.9	94.1	94.7	94.9	96.4	99.1	98.4	99.7	100.7
Durable Goods[b]	68.7	65.7	65.7	66.5	66.8	67.6	68.1	68.1	69.2	71.3	70.9	72.0	72.7
Fabricated metal products	7.2	6.9	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.6	7.5	7.6	7.6
Machinery, except electrical	30.0	29.6	29.5	29.8	29.8	29.8	29.7	29.1	29.6	30.6	30.4	30.8	31.3
Metalworking machinery	6.2	6.5	6.5	6.5	6.4	6.3	6.2	6.2	6.1	6.1	6.0	6.0	6.0
General industrial machinery	3.0	2.9	2.9	2.9	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	3.1
Electric and electronic equipment	5.0	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.1	5.2	5.1	5.2	5.2
Electrical industrial apparatus	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.0
Transportation equipment	17.7	16.2	16.3	16.6	16.6	17.2	17.5	17.9	18.2	18.8	18.9	19.2	19.3
Nondurable Goods[c]	26.8	25.7	25.7	25.9	26.2	26.4	26.6	26.9	27.2	27.8	27.5	27.7	28.0
Food and kindred products	2.8	2.7	2.7	2.7	2.6	2.7	2.7	2.7	2.9	3.0	2.8	2.8	2.9
Paper and allied products	5.1	5.1	5.1	5.0	5.0	5.0	5.0	5.1	5.1	5.2	5.1	5.2	5.3
Printing and publishing	7.7	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.8
Rubber and misc. plastics products	7.7	6.9	7.0	7.2	7.3	7.5	7.6	7.9	7.9	8.2	8.2	8.3	8.5
NONMANUFACTURING[d]	276.8	270.5	269.6	272.2	273.4	275.2	277.1	274.5	273.9	281.3	283.3	285.0	285.0
CONSTRUCTION	10.6	8.6	8.2	8.7	9.3	10.0	10.9	11.7	12.3	12.3	12.3	12.1	11.4
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.5	13.4	13.4	13.7	13.8	14.1	14.1	12.8	14.2	14.6	14.6	14.7
Communication, electric, gas services	6.6	6.8	6.8	6.7	6.6	6.6	6.7	6.6	5.3[e]	6.6	6.9	6.9	6.9
WHOLESALE TRADE	17.5	17.1	17.1	17.2	17.3	17.3	17.4	17.5	17.7	17.7	17.8	17.9	18.0
Wholesale trade-durable goods	12.1	11.8	11.8	11.9	11.9	11.9	12.0	12.2	12.3	12.3	12.4	12.4	12.5
RETAIL TRADE	63.1	60.7	59.6	60.3	61.5	62.5	62.9	63.7	64.0	64.6	64.7	65.8	67.1
General merchandise stores	11.3	11.7	10.9	10.8	10.8	10.9	10.8	10.8	10.9	11.0	11.3	12.3	13.2
FINANCE, INSURANCE, AND REAL ESTATE	15.8	15.5	15.5	15.6	15.7	15.8	16.0	16.1	16.2	16.0	15.9	15.9	15.9
Banking	4.1	4.2	4.2	4.1	4.1	4.1	4.1	4.2	4.2	4.1	4.1	4.1	4.1
Credit agencies other than banks	3.9	3.6	3.7	3.7	3.8	3.8	3.9	3.9	4.0	4.0	4.0	4.0	4.0
Insurance carriers	3.1	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2
SERVICES	84.7	82.8	83.2	84.0	83.8	83.2	84.5	84.6	84.6	86.7	86.2	86.6	85.9
Business services	15.1	13.9	14.0	14.3	14.5	14.8	15.1	15.3	15.6	15.8	15.8	15.8	15.8
Health services	32.7	32.2	32.1	32.2	32.3	32.4	32.6	33.1	33.0	33.1	32.9	33.0	33.1
Educational services	6.1	6.7	6.9	7.0	6.6	5.2	5.1	4.7	4.2	6.6	7.0	7.1	6.5
GOVERNMENT	70.8	72.0	72.5	72.7	71.9	72.4	71.2	66.5	66.0	69.5	71.4	71.8	71.7
Federal government	26.5	26.5	26.4	26.3	26.3	26.4	26.6	27.0	26.8	26.6	26.4	26.5	26.6
State government	6.0	6.0	6.2	6.2	6.3	6.1	6.4	5.6	5.6	5.4	6.2	6.1	6.4
State government education	3.5	3.4	3.6	3.6	3.7	3.5	3.7	3.0	2.9	2.9	3.7	3.6	3.9
State government, except education	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.6
Local government	38.2	39.5	39.9	40.2	39.4	39.9	38.2	33.9	33.6	37.5	38.8	39.2	38.7
Local government education	23.3	25.2	25.4	25.2	24.5	24.8	22.8	18.4	18.2	22.6	24.0	24.5	24.0
Local government, except education	14.9	14.3	14.5	15.0	14.8	15.1	15.4	15.5	15.4	14.9	14.8	14.7	14.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Clark, Greene, Miami, and Montgomery Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
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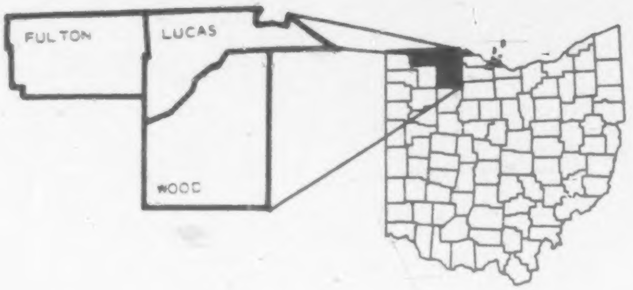
TOLEDO
METROPOLITAN STATISTICAL AREA

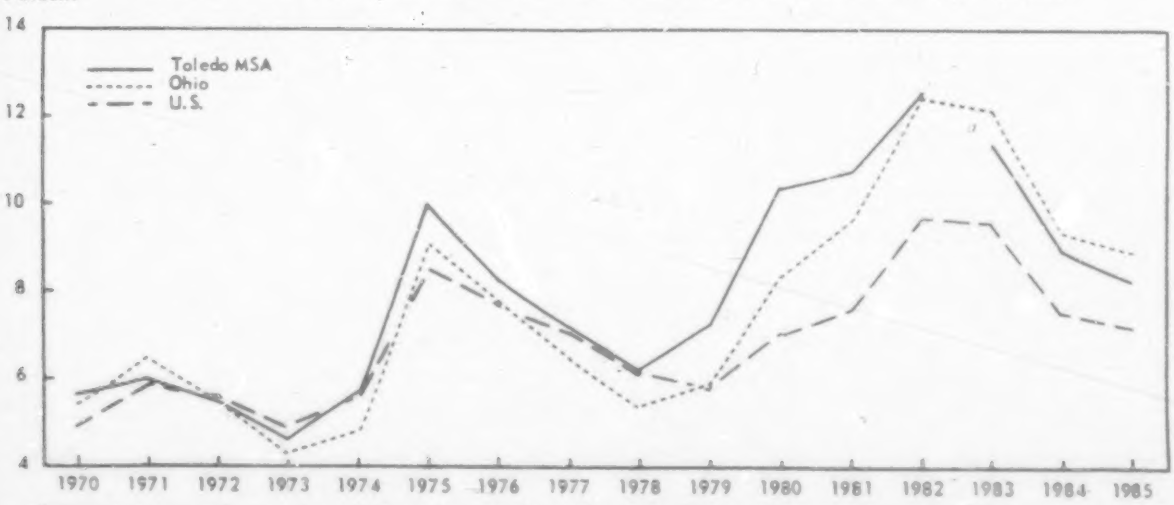


The 1985 estimated annual average civilian labor force, based on place of residence, edged upward 2,100, to 295,500 in the Toledo metropolitan area. The employment level also continued to move upward from the 1984 level of 267,300, to 271,300 in 1985. Unemployment declined from 26,200 in 1984 to 24,200 in 1985. The unemployment rate showed a drop of seven-tenths of a percentage point, to a 1985 rate of 8.2 percent (see table, page 109).

Nonagricultural wage and salary employment increased 7,400, from 257,000 in 1984 to the 1985 annual average of 264,400. In 1985, nonmanufacturing employment had a dramatic rise of 6,600 workers, to an average level of 198,800. The categories showing the largest increases were retail trade and services. In manufacturing, both durable and nondurable goods producers reported increases over the 1984 levels.

During the economic downturn of the early 1980's, manufacturing employment suffered the greatest losses, especially in the areas of motor vehicles and equipment and stone, clay, and glass products. From 1983 to 1985, the recovery from the economic downturn has been relatively good: 83.4 percent recovery of nonagricultural wage and salary jobs lost between 1979 and 1983 in the Toledo area compared to 72.9 percent recovery in the State. Greatest employment gains during the recovery period have been recorded in retail trade, in motor vehicles and equipment in the manufacturing sector, and in services. All major industries have shown improvement with the exception of stone, clay, and glass products.

TOLEDO MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



¹Metropolitan area definition changed effective with data for 1983. Prior data are not strictly comparable.

CIVILIAN LABOR FORCE ESTIMATES

(Absolute data in thousands)

Toledo Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b]		
				Toledo	Ohio	U.S.
1970	315.8	298.4	17.4	5.5	5.4	4.9
1971	319.3	300.3	19.1	6.0	6.5	5.9
1972	329.4	311.3	18.1	5.5	5.5	5.6
1973	339.8	324.2	15.6	4.6	4.3	4.9
1974	343.8	324.2	19.7	5.7	4.8	5.6
1975	344.8	310.2	34.6	10.0	9.1	8.5
1976	347.8	319.4	28.4	8.2	7.8	7.7
1977	355.0	329.4	25.6	7.2	6.5	7.1
1978	362.1	339.7	22.4	6.2	5.4	6.1
1979	368.2	341.7	26.4	7.2	5.9	5.8
1980	368.2	329.8	38.4	10.4	8.4	7.1
1981	367.4	328.0	39.4	10.7	9.6	7.6
1982	369.4	323.0	46.4	12.6	12.5	9.7
1983	289.2	256.1	33.1	11.4	12.2	9.6
1984	293.5	267.3	26.2	8.9	9.4	7.5
1985	295.5	271.3	24.2	8.2	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE TOLEDO METROPOLITAN STATISTICAL AREA

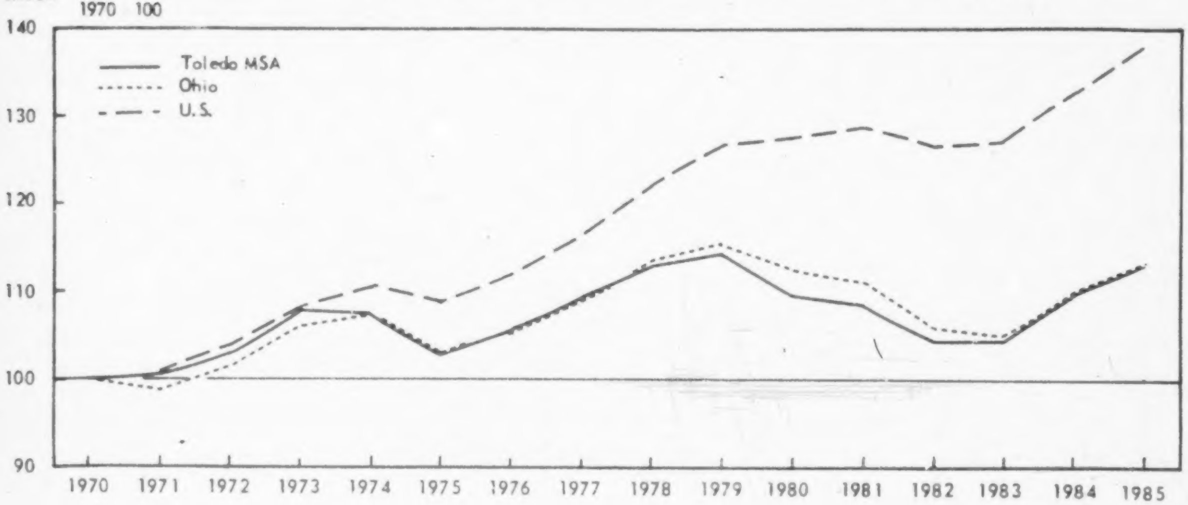
1979, 1983, and 1985

Industry	Employment (in thousands)			Employment Change		Percent Recovery	
	1979	1983	1985	1979-1983	1983-1985	Toledo	Ohio
TOTAL	268.2	245.3	264.4	-22.9	19.1	83.4	72.9
MANUFACTURING	77.4	59.6	65.6	-17.8	6.0	33.7	18.1
Durable Goods	61.5	46.2	51.7	-15.3	5.5	35.9	17.7
Stone, clay, and glass products	13.8	10.1	8.9	-3.7	-1.2	-	-
Transportation equipment	17.7	14.3	18.1	-3.4	3.8	111.8	58.2
Motor vehicles and equipment	16.3	13.1	17.0	-3.2	3.9	121.9	37.0
Nondurable Goods	16.0	13.4	13.9	-2.6	0.5	19.2	19.5
CONSTRUCTION	10.3	7.3	8.5	-3.0	1.2	40.0	44.7
TRANSPORTATION AND PUBLIC UTILITIES	17.7	13.8	13.9	-3.9	0.1	2.6	11.9
WHOLESALE TRADE	14.1	13.9	14.9	-0.2	1.0	500.0	233.0
RETAIL TRADE	47.1	44.6	50.1	-2.5	5.5	220.0	251.0
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.5	10.2	0.2	0.7	+	+
SERVICES	53.0	57.8	61.2	4.8	3.4	+	+
GOVERNMENT	39.0	38.6	39.7	-0.4	1.1	275.0	48.0

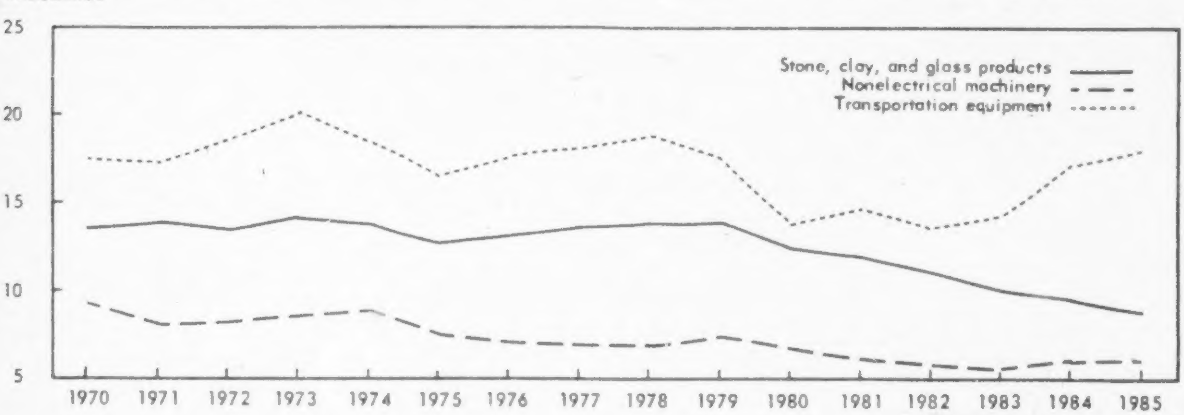
+ No downturn, 1979-1983

- No upturn, 1983-1985

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



TOLEDO MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



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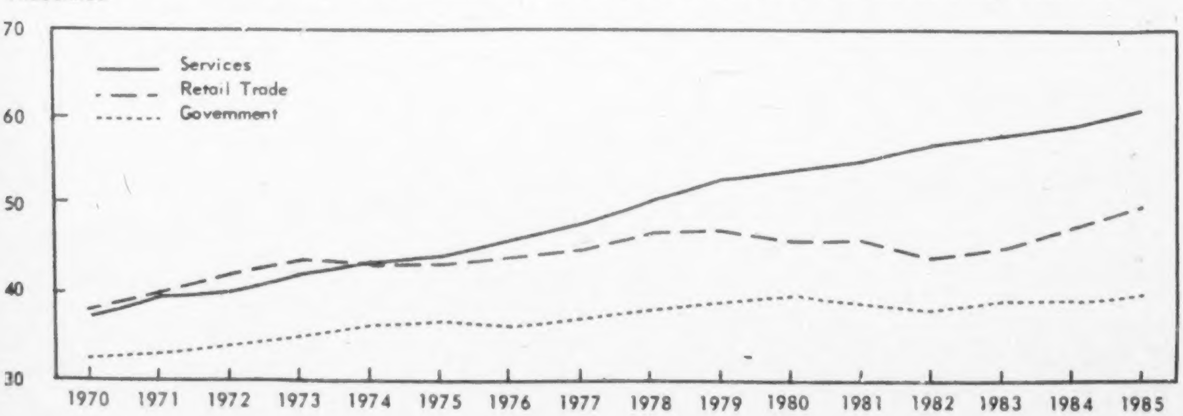

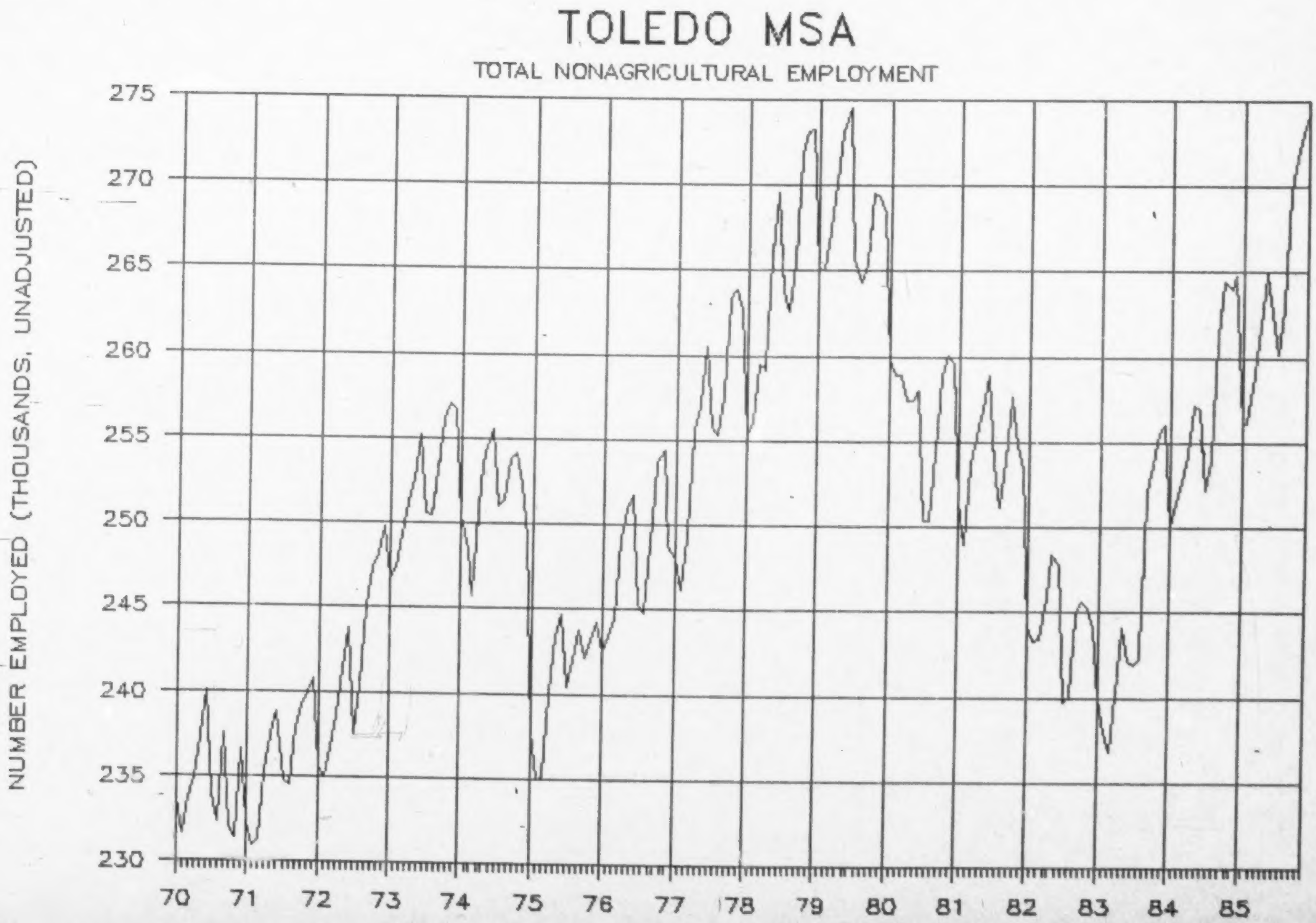

TOLEDO MSA

TOTAL NONAGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	264.4	256.0	256.2	259.1	261.8	264.9	262.6	260.2	262.9	269.8	271.7	273.2	274.2
MANUFACTURING	65.6	64.6	64.6	65.0	64.7	64.8	65.1	64.3	66.8	68.0	66.5	66.2	66.2
Durable Goods[b]	51.7	51.1	51.0	51.2	50.8	51.0	51.1	50.6	52.3	53.4	53.1	52.6	52.4
Stone, clay, and glass products	8.9	9.4	9.2	9.2	8.7	8.8	8.8	8.8	8.9	8.9	8.9	8.8	8.9
Primary metal industries	3.5	3.5	3.5	3.6	3.6	3.5	3.5	3.5	3.4	3.6	3.7	3.6	3.4
Fabricated metal products	7.9	7.8	7.8	7.9	8.0	8.1	8.0	8.1	8.0	8.0	8.0	7.8	7.9
Metal forgings and stampings	3.7	3.8	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.7
Machinery, except electrical	6.1	6.3	6.1	6.1	6.1	6.0	6.1	6.1	6.2	6.2	6.2	6.2	6.2
Electric and electronic equipment	3.2	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0
Transportation equipment	18.1	17.2	17.5	17.5	17.3	17.4	17.6	17.1	18.8	19.6	19.4	19.1	19.1
Motor vehicles and equipment	17.0	16.0	16.3	16.3	16.2	16.2	16.4	16.3	17.7	18.5	18.2	18.0	18.0
Nondurable Goods[c]	13.9	13.5	13.6	13.7	13.8	13.8	14.0	13.7	14.6	14.6	13.5	13.6	13.8
Food and kindred products	3.7	3.5	3.5	3.5	3.6	3.6	3.8	3.6	4.4	4.5	3.3	3.4	3.7
Rubber and misc. plastics products	2.8	2.8	2.8	2.9	2.8	2.8	2.9	2.7	2.8	2.8	2.9	2.9	2.9
NONMANUFACTURING[d]	198.8	191.4	191.6	194.2	197.1	200.1	197.4	195.9	196.1	201.8	205.1	207.0	208.0
CONSTRUCTION	8.5	7.3	6.9	7.2	7.6	8.3	8.7	9.0	9.3	9.4	9.8	9.8	9.1
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.7	13.7	13.7	13.9	14.0	14.1	14.0	13.9	13.9	14.1	14.0	14.1
Trucking and warehousing	5.5	5.4	5.4	5.4	5.4	5.4	5.5	5.5	5.4	5.4	5.6	5.6	5.7
Communication, electric, gas services	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
WHOLESALE TRADE	14.9	14.6	14.7	14.8	14.9	15.0	14.9	15.1	15.1	15.0	14.9	14.9	14.9
Wholesale trade-durable goods	10.0	9.9	10.0	10.0	10.0	10.2	10.0	10.1	10.1	10.1	10.0	9.9	9.9
RETAIL TRADE	50.1	47.9	46.9	47.7	48.7	49.5	50.1	50.3	50.6	51.0	51.5	52.7	54.1
General merchandise stores	7.2	7.3	6.9	6.8	6.9	7.0	7.0	7.0	7.0	7.2	7.2	7.7	8.1

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1985[a] (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
FINANCE, INSURANCE, AND REAL ESTATE	10.2	9.8	9.8	9.8	9.9	10.1	10.3	10.3	10.4	10.4	10.4	10.6	10.7
Banking	3.4	3.4	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.6	3.6
SERVICES	61.2	58.7	58.9	59.5	60.9	61.5	61.2	61.2	61.7	62.5	62.7	62.8	62.9
Business services	10.8	10.1	10.1	10.2	10.1	10.3	10.6	10.9	11.2	11.3	11.3	11.4	11.5
Health services	24.4	24.1	24.0	24.0	24.2	24.3	24.5	24.6	24.7	24.7	24.8	24.7	24.8
GOVERNMENT	39.7	39.2	40.5	41.1	41.1	41.4	37.9	35.8	34.9	39.3	41.5	41.9	42.0
State government	14.3	14.0	15.2	15.6	15.5	15.4	11.8	11.4	11.1	13.9	15.7	15.9	15.6
State government education	10.4	10.2	11.4	11.8	11.6	11.6	7.9	7.5	7.2	10.0	11.9	12.1	11.8
State government, except education	3.8	3.8	3.8	3.8	3.9	3.8	3.9	3.9	3.9	3.9	3.8	3.8	3.9
Local government	23.0	22.9	22.9	23.2	23.1	23.5	23.6	21.8	21.2	22.9	23.3	23.5	23.7
Local government education	13.0	13.1	13.3	13.5	13.4	13.6	13.3	11.3	10.9	12.9	13.4	13.6	13.7
Local government, except education	10.0	9.7	9.7	9.7	9.7	9.9	10.3	10.5	10.3	10.0	9.9	9.9	10.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$12.29	$12.20	$12.23	$12.16	$12.12	$12.16	$12.18	$12.26	$12.33	$12.45	$12.51	$12.41	$12.45
Durable Goods[b]	12.77	12.75	12.66	12.64	12.57	12.60	12.64	12.67	12.90	13.03	12.93	12.86	12.94
Stone, clay, and glass products	12.46	11.97	12.02	12.04	12.33	12.18	12.26	12.27	12.54	12.75	12.96	13.08	13.17
Primary metal industries	10.93	10.77	10.68	10.62	10.70	10.69	10.76	10.77	11.21	11.24	11.17	11.23	11.33
Fabricated metal products	11.49	11.42	11.49	11.43	11.44	11.42	11.40	11.28	11.49	11.70	11.45	11.56	11.72
Metal forgings and stampings	13.11	12.90	12.91	13.04	13.16	13.09	12.95	12.92	13.07	13.21	13.03	13.43	13.51
Machinery, except electrical	10.63	10.62	10.55	10.48	10.45	10.47	10.65	10.69	10.49	10.59	10.82	10.86	10.89
Electric and electronic equipment	12.28	11.86	12.15	12.64	12.23	12.51	12.67	12.32	11.75	11.97	12.28	12.31	12.59
Transportation equipment	14.99	15.15	15.07	15.01	14.87	14.87	14.82	14.98	15.09	15.18	14.99	14.89	14.94
Motor vehicles and equipment	15.06	15.23	15.15	15.09	14.95	14.94	14.90	15.02	15.16	15.25	15.06	14.94	14.99
Nondurable Goods[c]	10.24	9.87	10.44	10.12	10.17	10.21	10.26	10.56	9.98	9.96	10.42	10.51	10.40
Food and kindred products	10.75	10.56	11.08	10.67	10.97	10.69	10.86	11.68	9.98	9.86	11.30	11.00	11.05
Rubber and misc. plastics products	7.96	7.50	8.08	7.94	8.03	8.00	7.97	7.85	8.11	7.95	7.99	8.09	8.04
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	13.17	13.07	13.15	12.76	12.70	12.79	12.99	13.17	13.22	13.33	13.45	13.67	13.69
WHOLESALE TRADE	8.79	8.33	8.44	8.38	8.39	8.70	8.78	8.94	9.00	9.01	9.09	9.19	9.08
RETAIL TRADE[d]...............................	5.41	5.55	5.61	9.56	5.47	5.50	5.45	5.34	5.33	5.31	5.29	5.29	5.31

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-4-7 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.6	43.4	41.5	42.7	41.9	42.2	42.5	42.2	43.1	43.1	43.0	42.8	43.2
Durable Goods[b]	43.0	44.0	41.7	43.1	42.1	42.7	42.7	42.4	43.5	43.6	43.5	43.3	43.8
Stone, clay, and glass products	42.5	41.3	41.0	40.9	41.6	41.9	42.2	41.6	43.3	43.1	44.0	44.8	45.1
Primary metal industries	45.3	47.6	44.9	45.3	47.7	43.7	43.1	43.8	46.1	46.0	43.8	44.4	47.4
Fabricated metal products	41.3	42.9	40.6	41.3	40.9	40.8	40.8	39.3	40.0	41.5	42.5	42.7	42.8
Metal forgings and stampings	42.5	43.8	41.8	42.2	43.0	41.9	42.6	40.4	40.9	42.7	41.6	44.4	44.4
Machinery, except electrical	41.6	40.9	41.3	41.4	41.2	40.9	41.7	41.7	41.7	41.9	42.0	41.6	42.8
Electric and electronic equipment	41.8	41.0	41.1	43.6	40.8	41.6	43.6	42.5	40.8	41.0	41.4	42.1	42.7
Transportation equipment	44.2	46.3	42.4	44.8	42.0	44.2	44.0	44.2	45.6	45.1	44.4	43.7	43.9
Motor vehicles and equipment	44.2	46.3	42.4	44.8	42.1	44.3	44.1	44.2	45.6	45.1	44.4	43.6	43.8
Nondurable Goods[c]	41.0	41.0	40.5	41.1	41.3	40.4	41.6	41.5	41.3	41.3	40.6	40.9	41.0
Food and kindred products	41.6	40.6	40.9	40.5	42.9	41.0	42.2	43.2	42.8	42.8	40.3	39.9	41.1
Rubber and misc. plastics products	39.8	40.8	38.5	41.4	42.8	39.1	41.1	37.8	40.6	39.2	38.9	39.3	38.6
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	41.9	40.5	40.5	41.7	41.1	40.4	41.9	42.9	42.5	43.6	42.8	43.1	42.5
WHOLESALE TRADE	36.6	35.2	34.7	35.8	35.9	36.7	35.6	36.2	36.4	37.2	37.7	39.4	38.1
RETAIL TRADE	29.2	28.0	27.9	28.7	29.2	29.6	29.6	30.0	29.8	29.4	29.1	28.8	29.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
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AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$523.55	$529.48	$507.55	$519.23	$507.83	$513.15	$517.65	$517.37	$531.42	$536.60	$537.93	$531.15	$537.84
Durable Goods[b]	549.11	561.00	527.92	544.78	529.20	538.02	539.73	537.21	561.15	568.11	562.46	556.84	566.77
Stone, clay, and glass products	529.55	494.36	492.82	492.44	512.93	510.34	517.37	510.43	542.98	549.53	570.24	585.98	593.97
Primary metal industries	495.13	512.65	479.53	481.09	510.39	467.15	463.76	471.73	516.78	517.04	489.25	498.61	537.04
Fabricated metal products	474.54	489.92	466.49	472.06	467.90	465.94	465.12	443.30	459.60	485.55	486.63	493.61	501.62
Metal forgings and stampings	557.18	565.02	539.64	550.29	565.88	548.47	551.67	521.97	534.56	564.07	542.05	596.29	599.84
Machinery, except electrical	442.21	434.36	435.72	433.87	430.54	428.22	444.11	445.77	437.43	443.72	454.44	451.78	466.09
Electric and electronic equipment	513.30	486.26	499.37	551.10	498.98	520.42	552.41	523.60	479.40	490.77	508.39	518.25	537.59
Transportation equipment	662.56	701.45	638.97	672.45	624.54	657.25	652.08	662.12	688.10	684.62	665.56	650.69	655.87
Motor vehicles and equipment	665.65	705.15	642.36	676.03	629.40	661.84	657.09	663.88	691.30	687.78	668.66	651.38	656.56
Nondurable Goods[c]	419.84	404.67	422.82	415.93	420.02	412.48	426.82	438.24	412.17	411.35	423.05	429.86	426.40
Food and kindred products	447.20	428.74	453.17	432.14	470.61	438.29	458.29	504.58	427.14	422.01	455.39	438.90	454.16
Rubber and misc. plastics products	316.81	306.00	311.08	328.72	343.68	312.80	327.57	296.73	329.27	311.64	310.81	317.94	310.34
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services	551.82	529.34	532.58	532.09	521.97	516.72	544.28	564.99	561.85	581.19	575.66	589.18	581.83
WHOLESALE TRADE	321.71	293.22	292.87	300.00	301.20	319.29	312.57	323.63	327.60	335.17	342.69	362.09	345.95
RETAIL TRADE[d]	157.97	155.40	156.52	159.57	159.72	162.80	161.32	160.20	158.83	156.11	153.94	152.35	158.24

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Estimates are based on the new metropolitan area definition and are not comparable to estimates for previous years. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 RS-790-2-7 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	257.0	250.0	251.5	252.7	254.3	257.2	257.0	252.2	254.0	261.3	264.5	264.0	264.8
MANUFACTURING	64.8	64.1	64.3	64.3	64.0	64.3	64.8	64.2	65.6	66.7	65.4	64.9	65.1
Durable Goods[b]	51.1	50.5	50.7	50.7	50.8	50.9	51.4	50.9	51.4	51.7	51.6	51.3	51.4
Stone, clay, and glass products	9.5	9.7	9.7	9.7	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.4	9.4
Primary metal industries	3.4	3.3	3.3	3.4	3.3	3.3	3.4	3.3	3.4	3.5	3.5	3.5	3.5
Fabricated metal products	7.8	7.4	7.5	7.6	7.6	7.8	7.9	8.0	8.0	8.1	8.0	8.0	8.0
Metal forgings and stampings	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.7	3.8
Machinery, except electrical	6.2	6.0	6.1	6.2	6.2	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.3
Electric and electronic equipment	3.3	3.4	3.5	3.4	3.4	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Transportation equipment	17.1	17.1	17.1	16.9	17.0	16.9	17.3	16.9	17.3	17.3	17.3	17.1	17.3
Motor vehicles and equipment	15.9	15.8	15.9	15.7	15.8	15.7	16.1	16.1	16.1	16.1	16.0	15.9	16.0
Nondurable Goods[c]	13.7	13.6	13.6	13.6	13.2	13.4	13.4	13.2	14.1	14.9	13.8	13.6	13.6
Food and kindred products	3.7	3.6	3.5	3.4	3.4	3.5	3.6	3.5	4.1	4.7	3.6	3.4	3.5
Rubber and misc. plastics products	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.9	2.9
NONMANUFACTURING[d]	192.2	185.8	187.2	188.4	190.3	192.9	192.2	188.0	188.5	194.6	199.1	199.1	199.8
CONSTRUCTION	7.9	6.8	6.5	6.6	6.9	7.5	7.8	8.2	8.4	8.7	10.2	9.0	8.4
TRANSPORTATION AND PUBLIC UTILITIES	14.2	13.7	13.9	14.0	14.2	14.4	14.3	14.5	14.5	14.3	14.3	14.2	14.2
Trucking and warehousing	5.6	5.3	5.4	5.5	5.6	5.7	5.6	5.6	5.7	5.6	5.6	5.6	5.7
Communication, electric, gas services	4.9	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8	4.7	4.7
WHOLESALE TRADE	15.1	14.5	14.6	14.9	15.0	15.1	15.4	15.6	15.5	15.2	15.0	14.9	15.0
Wholesale trade-durable goods	10.2	9.7	9.9	10.2	10.2	10.3	10.5	10.7	10.6	10.3	10.1	10.0	10.1
RETAIL TRADE	47.5	45.6	45.1	45.3	45.8	46.9	47.3	47.5	47.9	48.3	48.9	50.3	51.2
General merchandise stores	7.2	7.4	6.8	6.7	6.7	6.9	7.0	7.0	7.1	7.4	7.4	8.2	8.4
FINANCE, INSURANCE, AND REAL ESTATE	9.7	9.6	9.6	9.6	9.6	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9
Banking	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	58.7	57.3	57.4	57.8	58.2	58.6	58.8	58.3	58.8	59.6	59.9	59.7	59.8
Business services	9.8	9.1	9.1	9.2	9.4	9.5	9.9	9.8	9.9	10.1	10.3	10.5	10.5
Health services	24.1	24.0	24.0	24.1	24.1	24.0	24.2	24.2	24.1	24.1	24.1	24.1	24.1
GOVERNMENT	38.8	38.3	40.0	40.1	40.3	40.5	38.4	33.9	33.4	38.4	40.6	40.9	41.0
State government	13.9	13.2	14.9	15.0	14.9	14.8	13.1	11.2	10.6	13.4	15.2	15.3	15.1
State government education	10.0	9.4	11.0	11.1	11.0	10.9	9.2	7.2	6.7	9.5	11.4	11.5	11.3
State government, except education	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	3.9	3.8	3.8	3.8	3.8
Local government	22.5	22.7	22.8	22.7	23.0	23.3	22.9	20.4	20.3	22.6	23.0	23.0	23.3
Local government education	12.5	13.1	13.2	13.3	13.4	13.3	12.5	9.8	9.9	12.5	13.0	13.1	13.4
Local government, except education	10.0	9.6	9.6	9.5	9.6	10.0	10.4	10.6	10.5	10.2	10.0	9.9	9.9

Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4 18 86 RS-700-1-7 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	245.3	240.0	238.0	236.9	240.2	244.1	242.2	241.9	242.3	252.1	253.7	255.6	256.1
MANUFACTURING	59.6	57.4	56.4	54.2	56.5	58.3	59.1	59.6	60.7	63.0	62.8	63.4	63.3
Durable Goods[b]	46.2	44.9	43.7	41.5	43.6	45.3	45.8	46.2	47.0	48.3	48.9	49.7	49.6
Stone, clay, and glass products	10.1	10.4	10.3	10.1	10.2	10.1	10.2	10.1	10.1	10.0	9.9	9.8	9.8
Primary metal industries	3.0	2.7	2.8	2.8	2.8	2.9	3.0	3.1	3.2	3.2	3.2	3.3	3.3
Fabricated metal products	6.6	6.0	6.1	6.1	6.4	6.7	6.6	6.5	6.7	6.9	7.1	7.1	7.1
Metal forgings and stampings	3.1	2.8	2.9	2.9	3.0	3.1	3.0	2.9	3.1	3.3	3.4	3.5	3.6
Machinery, except electrical	5.5	5.7	5.7	4.9[e]	5.1	5.5	5.5	5.7	5.5	5.6	5.5	5.6	5.7
Electric and electronic equipment	3.2	3.4	2.2[e]	2.2[e]	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.4
Transportation equipment	14.3	13.2	13.3	12.0	12.4	13.4	13.6	13.8	14.5	15.6	16.2	16.9	16.7
Motor vehicles and equipment	13.1	12.0	12.1	10.8	11.2	12.2	12.4	12.6	13.3	14.4	15.0	15.7	15.5
Nondurable Goods[c]	13.4	12.5	12.7	12.7	12.9	13.0	13.3	13.5	13.8	14.7	13.9	13.7	13.7
Food and kindred products	3.8	3.4	3.5	3.6	3.5	3.6	3.8	3.8	3.9	4.7	4.0	3.7	3.7
Rubber and misc. plastics products	2.3	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.5	2.5	2.6	2.5
NONMANUFACTURING[d]	185.7	182.6	181.6	182.8	183.7	185.8	183.1	182.3	181.6	189.1	190.9	192.3	192.8
CONSTRUCTION	7.3	6.6	6.2	6.4	6.4	6.9	7.4	8.0	8.0	8.2	8.3	8.2	7.5
TRANSPORTATION AND PUBLIC UTILITIES	13.8	13.5	13.4	13.5	13.7	13.9	14.0	14.0	13.2	14.1	14.1	14.2	14.3
Trucking and warehousing	5.2	4.8	4.9	4.9	5.0	5.0	5.1	5.2	5.3	5.4	5.4	5.5	5.6
Communication, electric, gas services	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.0	4.1[e]	5.0	5.0	5.0	5.0
WHOLESALE TRADE	13.9	13.3	13.2	13.3	13.5	13.6	13.8	14.0	14.2	14.2	14.3	14.4	14.5
Wholesale trade-durable goods	9.1	8.6	8.6	8.7	8.8	8.8	8.9	9.1	9.2	9.3	9.4	9.5	9.7
RETAIL TRADE	44.6	43.3	42.1	42.4	43.2	43.8	43.8	44.5	45.2	45.6	45.9	47.0	48.2
General merchandise stores	6.8	6.6	6.1	6.1	6.2	6.2	6.3	6.4	6.8	7.1	7.2	7.8	8.2
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.2	9.2	9.3	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.5	9.6
Banking	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.3	3.3	3.3
SERVICES	57.8	57.2	57.2	57.5	57.5	57.9	58.0	57.9	58.0	58.5	58.4	58.0	57.8
Business services	8.7	8.5	8.4	8.5	8.3	8.5	8.5	9.0	9.1	9.1	8.9	8.8	8.8
Health services	24.2	24.1	24.1	24.1	24.0	24.1	24.3	24.2	24.3	24.3	24.3	24.3	24.2
GOVERNMENT	38.6	39.3	40.0	40.1	39.8	40.0	36.3	34.0	33.3	38.7	40.1	40.7	40.7
State government	13.6	14.0	14.5	14.5	14.6	14.4	11.3	11.1	10.7	13.5	14.8	14.8	14.9
State government education	9.7	10.0	10.6	10.6	10.7	10.5	7.3	7.1	6.7	9.6	10.9	11.0	11.0
State government, except education	3.9	4.0	3.9	4.0	4.0	3.9	4.0	4.0	4.0	4.0	3.9	3.8	3.9
Local government	22.6	22.9	23.1	23.2	22.8	23.2	22.6	20.5	20.3	22.8	22.9	23.4	23.3
Local government education	12.8	13.5	13.7	13.7	13.3	13.5	12.5	10.1	10.1	12.7	13.0	13.5	13.5
Local government, except education	9.8	9.4	9.4	9.4	9.5	9.7	10.1	10.3	10.2	10.1	9.9	9.8	9.8

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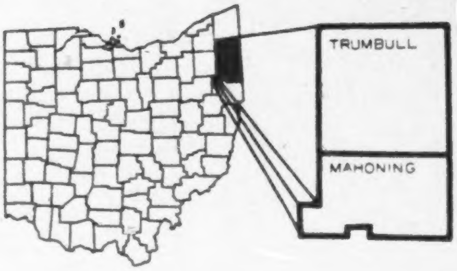
[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, and Wood Counties, Ohio. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [c] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-7 (1983)

YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA

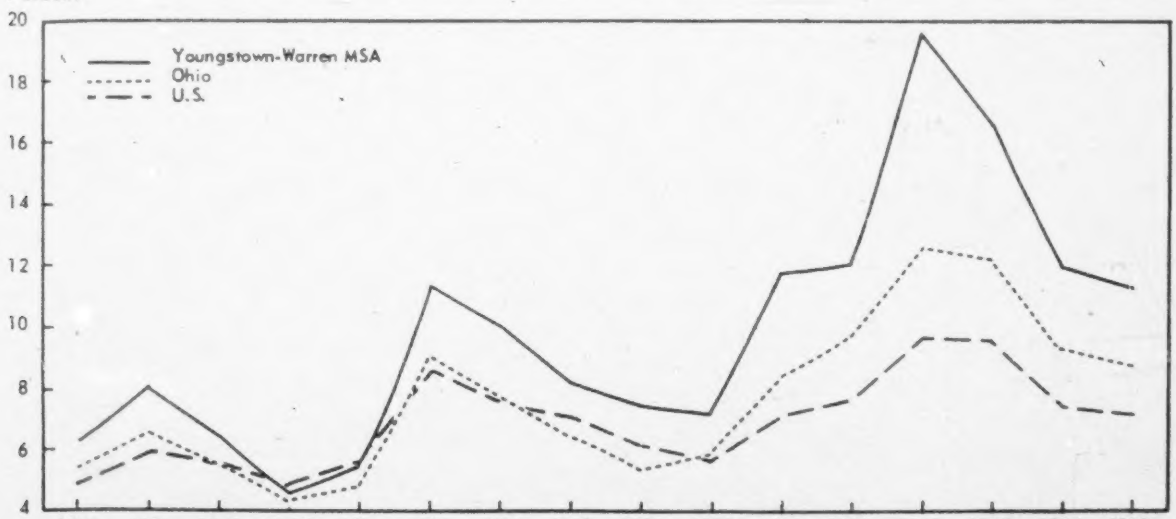


The estimated annual average civilian labor force, based on place of residence, decreased 2,000 from 1984 to a 1985 level of 220,100. Total employment also decreased, although at a slower rate, falling 700 to 195,200 for 1985 (see table, page 121). Although the employment levels are moving downward, unemployment is also decreasing with the number of unemployed dipping 1,300 to a 1985 level of 24,900. The unemployment rate slipped from 11.8 percent in 1984 to 11.3 percent in 1985.

Nonagricultural wage and salary employment in the Youngstown-Warren metropolitan area rose moderately in 1985, due largely to substantial increases in the number of nonmanufacturing jobs, especially in retail trade, services, construction, and wholesale trade. Manufacturing employment decreased from 55,100 in 1984 to 52,500 in 1985, a loss of 2,600 jobs. Two of the largest manufacturing industries in the Youngstown-Warren area had important losses over the year. Primary metals lost 2,000 workers; fabricated metals lost 300.

From 1983 to 1985 the Youngstown-Warren area had recovered only 17.6 percent of the nonagricultural wage and salary employment lost during the last economic downturn, 1979 to 1983. The improvement was due chiefly to increases in trade and construction. Manufacturing employment continued to decline during the 1983 to 1985 period, due largely to heavy losses in blast furnace and basic steel products.

YOUNGSTOWN-WARREN MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)



CIVILIAN LABOR FORCE ESTIMATES (Absolute data in thousands)

Youngstown-Warren Metropolitan Statistical Area[a]

	Civilian Labor Force	Employment	Unemployment	Unemployment Rate[b] Youngstown-Warren	Unemployment Rate[b] Ohio	Unemployment Rate[b] U.S.
1970	218.6	205.0	13.6	6.2	5.4	4.9
1971	225.1	207.1	18.0	8.0	6.5	5.9
1972	226.9	212.1	14.8	6.5	5.5	5.6
1973	232.5	221.8	10.8	4.6	4.3	4.9
1974	236.7	223.7	13.0	5.5	4.8	5.6
1975	236.7	209.8	26.9	11.4	9.1	8.5
1976	234.2	210.5	23.7	10.1	7.8	7.7
1977	234.0	215.0	19.0	8.1	6.5	7.1
1978	235.2	217.5	17.7	7.5	5.4	6.1
1979	237.1	219.9	17.1	7.2	5.9	5.8
1980	238.9	210.5	28.4	11.9	8.4	7.1
1981	234.0	205.7	28.2	12.1	9.6	7.6
1982	237.0	190.3	46.6	19.7	12.5	9.7
1983	225.6	188.1	37.5	16.6	12.2	9.6
1984	222.2	195.9	26.3	11.8	9.4	7.5
1985	220.1	195.2	24.9	11.3	8.9	7.2

[a] These data are estimates based on place of residence.

[b] Unemployment as percentage of civilian labor force.

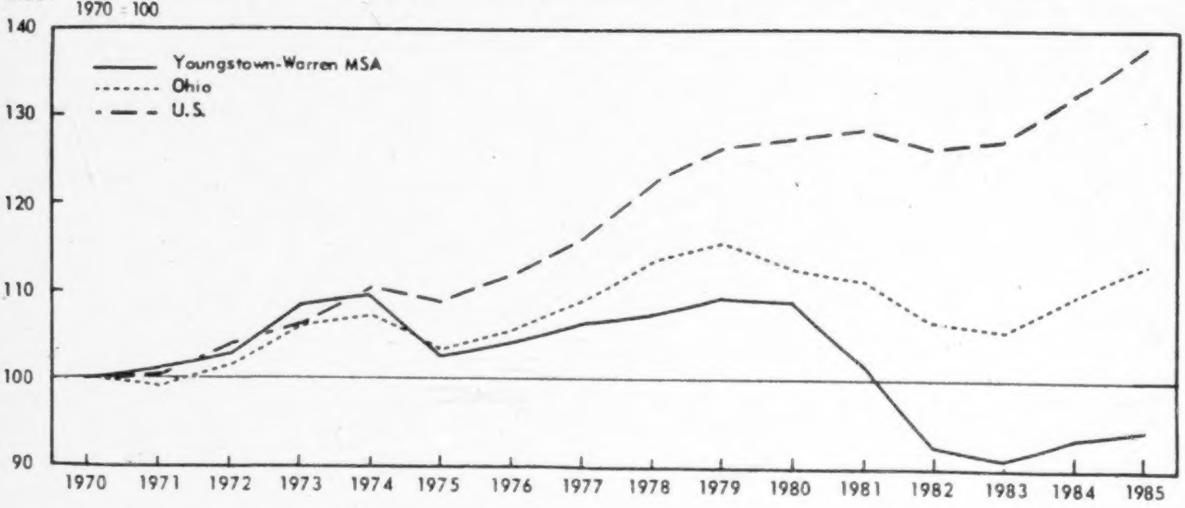
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN SELECTED INDUSTRIES IN THE YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA 1979, 1983, and 1985

Industry	Employment (in thousands) 1979	Employment (in thousands) 1983	Employment (in thousands) 1985	Employment Change 1979-1983	Employment Change 1983-1985	Percent Recovery Youngstown-Warren	Percent Recovery Ohio
TOTAL	213.9	177.5	183.9	-36.4	6.4	17.6	72.9
MANUFACTURING	79.9	52.8	52.5	-27.1	-0.3	-	18.1
Durable Goods	73.9	47.7	47.3	-26.2	-0.4	-	17.7
Primary metal industries	35.7	22.4	20.8	-13.3	-1.6	-	-
Blast furnace & basic steel products	20.9	9.0	7.0	-11.9	-2.0	-	-
Fabricated metal products	9.7	7.7	7.9	-2.0	0.2	10.0	20.1
Transportation equipment	13.7	8.3	8.9	-5.4	0.6	11.1	58.2
Nondurable Goods	6.0	5.0	5.2	-1.0	0.2	20.0	19.5
CONSTRUCTION	7.0	4.8	6.3	-2.2	1.5	68.2	44.7
TRANSPORTATION AND PUBLIC UTILITIES	10.1	7.6	7.5	-2.5	-0.1	-	11.9
WHOLESALE TRADE	8.1	7.7	8.8	-0.4	1.1	275.0	233.0
RETAIL TRADE	38.5	34.3	36.7	-4.2	2.4	57.1	251.0
FINANCE, INSURANCE, AND REAL ESTATE	7.0	7.1	7.4	0.1	0.3	+	+
SERVICES	37.2	38.9	41.0	1.7	2.1	+	+
GOVERNMENT	25.6	23.6	22.8	-2.0	-0.8	-	48.0

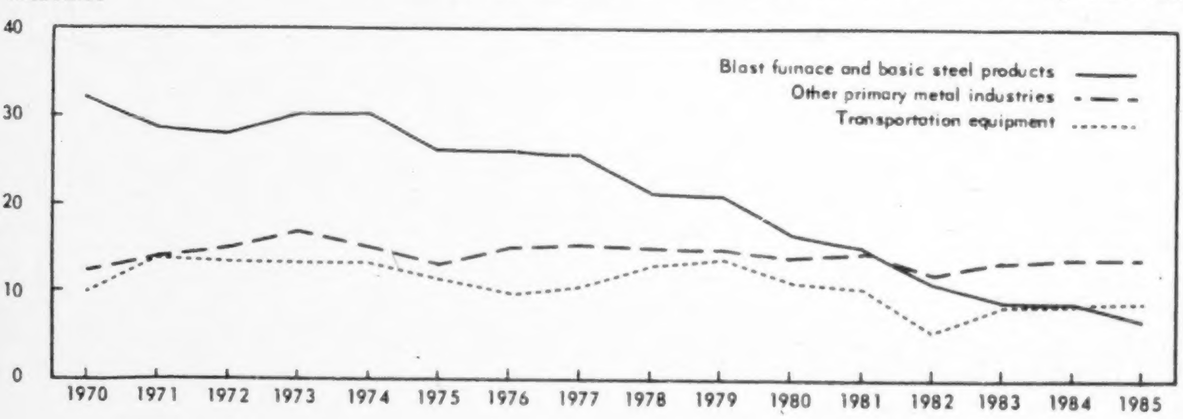
+ No downturn, 1979-1983

- No upturn, 1983-1985

INDEXES OF TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT



YOUNGSTOWN-WARREN MSA NONAGRICULTURAL EMPLOYMENT (Selected Manufacturing Industries)



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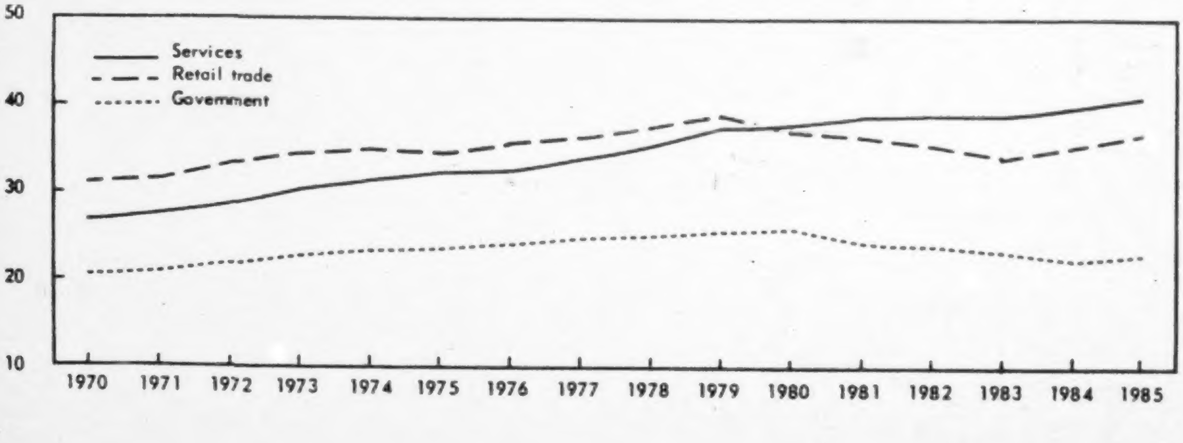

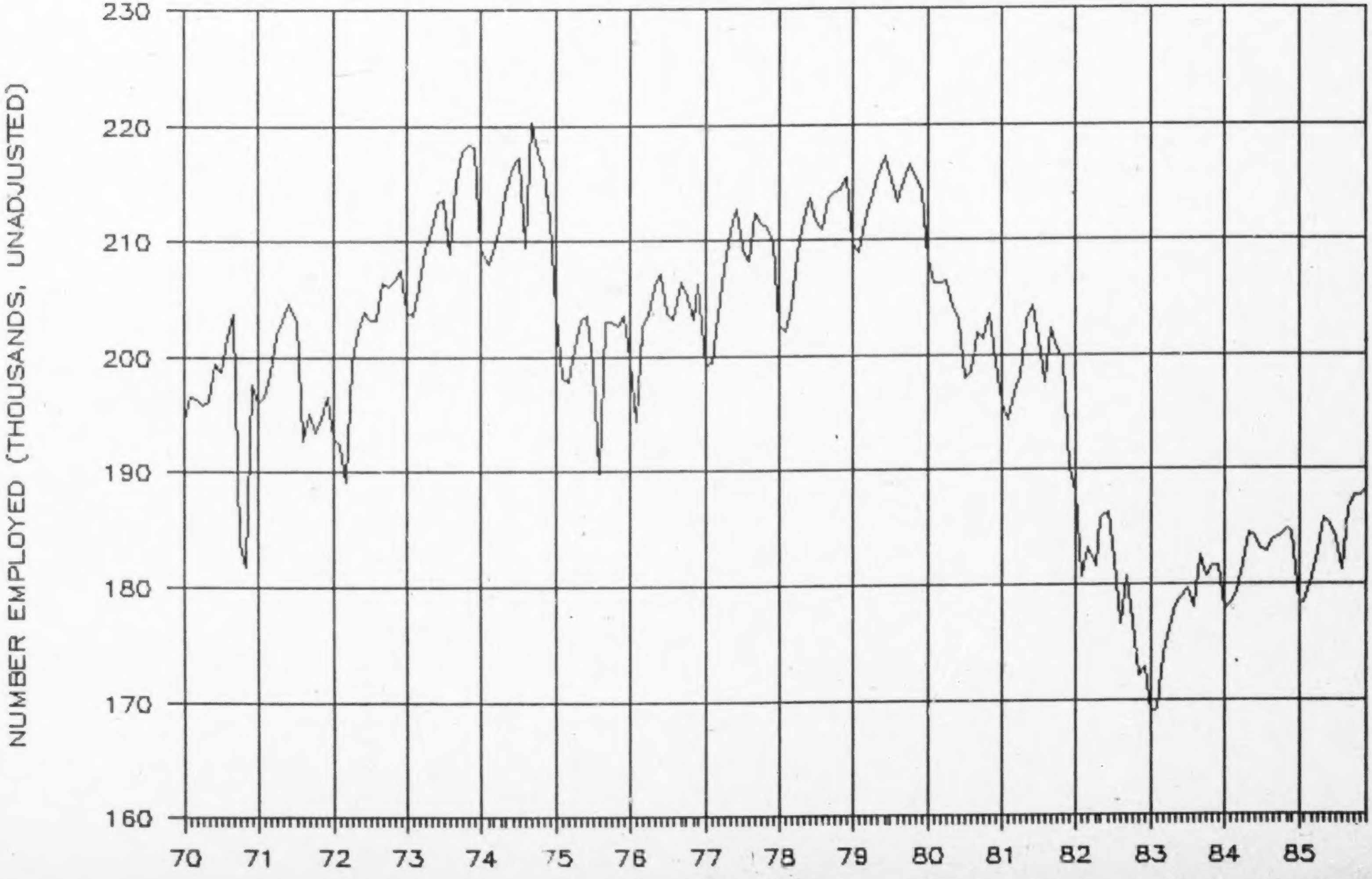

YOUNGSTOWN–WARREN MSA

TOTAL NONAGRICULTURAL EMPLOYMENT

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

(in thousands)

Industry	[illegible] Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	183.9	178.2	178.5	180.5	182.9	185.7	185.2	184.0	181.3	186.5	187.8	187.7	188.3
MANUFACTURING	52.5	52.6	52.5	53.0	52.9	52.8	52.8	52.3	49.4	53.2	53.3	52.7	52.9
Durable Goods[b]	47.3	47.4	47.4	47.8	47.7	47.7	47.8	47.1	44.2	47.9	48.0	47.3	47.7
Primary metal industries	20.8	21.0	20.8	21.1	21.1	20.9	20.9	20.8	20.3	20.5	20.8	20.6	20.9
Blast furnace and basic steel products	7.0	7.8	7.1	7.4	7.2	7.3	7.3	7.2	6.6	6.4	6.8	6.7	6.7
Fabricated metal products	7.9	7.9	8.0	8.0	8.0	8.1	8.1	7.7	7.7	7.8	7.7	7.7	7.7
Machinery, except electrical	3.9	3.9	4.0	4.0	4.1	4.1	4.2	4.1	3.8	3.7	3.7	3.4	3.4
Electric and electronic equipment	2.6	2.8	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Transportation equipment	8.9	8.6	8.6	8.6	8.7	8.8	8.8	8.8	6.4	9.9	9.8	9.7	9.9
Nondurable Goods[c]	5.2	5.2	5.1	5.2	5.2	5.1	5.0	5.2	5.2	5.4	5.4	5.4	5.2
NONMANUFACTURING[d]	131.3	125.6	126.0	127.5	130.1	132.9	132.4	131.7	131.9	133.2	134.5	135.0	135.4
CONSTRUCTION	6.3	4.8	4.5	4.9	5.6	6.3	6.9	7.3	7.6	7.4	7.4	7.0	6.5
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.3	7.4	7.4	7.5	7.6	7.6	7.5	7.1[e]	7.6	7.7	7.6	7.6
Communication, electric, gas services	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0	3.0
WHOLESALE TRADE	8.8	8.3	8.3	8.4	8.6	8.7	8.8	8.9	9.0	9.0	9.0	9.1	9.1
Wholesale trade-durable goods	5.8	5.5	5.5	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.1	6.1	6.1
RETAIL TRADE	36.7	34.9	34.3	34.8	36.0	36.7	37.0	37.1	37.5	37.5	37.5	38.1	38.9
General merchandise stores	5.9	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.9	6.2	6.4
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.2	7.2	7.2	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.4	7.5
Banking	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.5
SERVICES	41.0	39.4	39.8	40.3	40.9	41.6	41.8	41.8	41.7	41.7	41.3	41.2	41.1
Health services	18.0	18.0	18.0	18.1	18.1	18.2	18.2	18.0	17.9	18.0	17.8	17.8	17.9
GOVERNMENT	22.8	23.0	23.7	23.8	23.4	23.8	22.0	20.9	20.8	21.7	23.3	23.8	24.0
State government	3.7	3.6	4.1	4.2	3.8	4.1	4.0	3.1	3.1	2.6	3.7	4.1	4.1
State government education	2.2	2.2	2.7	2.7	2.3	2.7	2.5	1.5	1.5	1.1	2.2	2.7	2.6
State government, except education	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.5
Local government	17.2	17.5	17.6	17.7	17.6	17.8	16.0	15.8	15.7	17.2	17.7	17.7	17.8
Local government education	10.8	11.2	11.4	11.5	11.3	11.4	9.4	9.1	9.1	10.8	11.4	11.4	11.4
Local government, except education	6.4	6.3	6.2	6.3	6.3	6.3	6.6	6.7	6.6	6.4	6.3	6.3	6.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-1-86 (C-790-1-B (1985)

AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$13.24	$13.30	$13.05	$13.03	$13.04	$13.30	$13.17	$13.31	$12.90	$13.10	$13.28	$13.47	$13.87
Durable Goods[b]	13.59	13.63	13.38	13.38	13.37	13.62	13.49	13.66	13.27	13.47	13.67	13.85	14.24
Primary metal industries	14.18	14.01	14.17	14.13	14.11	14.08	14.28	14.34	14.23	14.25	14.16	14.16	14.31
Blast furnace and basic steel products.	13.36	13.22	13.27	13.34	13.41	13.32	13.31	13.57	13.32	13.32	13.41	13.48	13.52
Fabricated metal products	13.71	13.82	13.56	13.68	13.79	13.74	13.87	13.79	13.19	13.34	13.69	13.85	14.16
Machinery, except electrical	11.48	11.31	11.53	11.51	11.46	11.47	11.42	11.36	11.41	11.40	11.49	11.71	11.70
Electric and electronic equipment	10.35	10.42	10.76	10.49	10.54	10.34	10.17	10.12	10.31	10.09	10.23	10.23	10.42
Transportation equipment	15.01	15.16	14.24	14.38	14.18	15.17	14.50	14.93	14.61	14.80	15.23	15.60	16.44
Nondurable Goods[c]	9.12	9.25	8.98	8.94	9.10	9.40	9.18	9.14	9.06	9.18	8.93	9.10	9.24
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ...	12.55	12.23	12.28	12.25	12.27	12.27	12.36	12.53	12.76	12.84	13.01	12.95	12.90
WHOLESALE TRADE	8.34	8.27	8.27	8.21	8.14	8.32	8.33	8.21	8.21	8.36	8.51	8.61	8.61
RETAIL TRADE[d]	5.63	5.65	5.68	5.64	5.64	5.58	5.61	5.63	5.64	5.64	5.63	5.60	5.61

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-managem~~ent di~~sputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-4-8 (1985)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	43.1	44.0	42.3	42.9	42.3	43.6	42.8	42.8	41.5	42.2	44.4	44.5	44.3
Durable Goods[b]	43.5	44.5	42.6	43.2	42.6	44.0	43.1	43.2	41.8	42.4	44.7	44.8	44.6
Primary metal industries	41.2	42.1	41.4	41.9	41.3	41.3	41.9	41.1	40.3	40.8	40.3	40.5	41.0
Blast furnace and basic steel products	37.2	38.3	37.1	37.9	37.3	38.6	38.1	38.5	36.6	35.7	35.8	36.2	36.1
Fabricated metal products	42	43.3	43.1	43.4	43.6	43.1	43.2	42.9	41.2	40.7	42.1	42.5	44.3
Machinery, except electrical	41.3	39.9	42.3	42.0	41.1	41.1	40.5	40.5	40.8	40.5	41.6	42.6	42.9
Electric and electronic equipment	39.1	37.9	39.3	41.1	41.1	38.2	39.6	36.4	39.0	38.1	40.2	40.4	38.3
Transportation equipment	51.8	55.8	46.5	47.5	46.5	54.8	48.3	52.3	48.6	48.9	58.0	57.1	54.6
Nondurable Goods[c]	39.5	38.8	39.4	39.3	39.0	39.5	39.5	38.1	39.1	39.6	40.7	41.0	40.3
TRANSPORTATION AND PUBLIC UTILITIES	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services	40.8	40.1	40.3	40.1	40.6	40.4	41.1	41.0	40.8	41.1	41.5	41.4	41.3
WHOLESALE TRADE	37.5	37.6	38.1	38.1	37.1	36.9	37.7	37.2	37.2	37.7	37.8	37.5	37.2
RETAIL TRADE	29.2	28.4	28.1	28.7	28.8	29.8	29.6	29.8	29.7	29.3	29.3	28.9	29.9

Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-3-8 (1985)

AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1985[a]

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	$570.64	$585.20	$552.02	$558.99	$551.59	$579.88	$563.68	$569.67	$535.35	$552.82	$589.63	$599.42	$614.44
Durable Goods[b]	591.17	606.54	569.99	578.02	569.56	599.28	581.42	590.11	554.69	571.13	611.05	620.[illegible]	635.10
Primary metal industries	584.22	589.82	586.64	592.05	582.74	581.50	598.33	589.37	573.47	581.40	570.65	573.48	586.71
Blast furnace and basic steel products.	496.99	506.33	492.32	505.59	496.46	514.15	507.11	522.45	487.51	475.52	480.08	487.98	488.07
Fabricated metal products	586.79	598.41	584.44	593.71	601.24	592.19	599.18	591.59	543.43	542.94	576.35	588.63	627.29
Machinery, except electrical	474.12	451.27	487.72	483.42	471.01	471.42	462.51	460.08	465.53	461.70	477.98	498.85	501.93
Electric and electronic equipment	404.69	394.92	422.87	431.14	433.19	394.99	402.73	368.37	402.09	384.43	411.25	413.29	399.09
Transportation equipment	777.52	845.93	662.16	683.05	659.37	831.32	700.35	780.84	710.05	723.72	883.34	890.76	897.62
Nondurable Goods[c]	360.24	358.90	353.81	351.34	354.90	371.30	362.61	348.23	354.25	363.53	363.45	373.10	372.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	......	......	......	......	......	......	......	......	......	......
Communication, electric, gas services ...	512.04	490.42	494.88	491.23	498.16	495.71	508.00	513.73	520.61	527.72	539.92	536.13	532.77
WHOLESALE TRADE	312.75	310.95	315.09	312.80	301.99	307.01	314.04	305.41	305.41	315.17	321.68	322.88	320.29
RETAIL TRADE[d]	164.40	160.46	159.61	161.87	162.43	166.28	166.06	167.77	167.51	165.25	164.96	161.84	167.74

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Money payments only, tips not included. [e] Low due to labor-management disputes during part of pay period. [f] Not comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-2-86 RS-790-2-8 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1984[a]

(in thousands)

Industry	1984 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	182.5	177.9	178.4	179.4	181.9	184.5	184.2	183.1	182.9	183.9	184.2	184.8	184.5
MANUFACTURING	55.1	54.9	55.1	55.5	56.2	56.1	55.8	55.5	54.8	54.4	54.3	54.5	54.0
Durable Goods[b]	49.8	49.8	50.0	50.4	51.0	50.9	50.5	50.2	49.4	49.0	48.9	49.1	48.6
Primary metal industries	22.8	23.6	23.8	23.4	23.5	23.4	23.6	23.2	22.0	21.5	21.4	21.8	21.9
Blast furnace and basic steel products	8.8	9.6	9.8	9.5	9.6	9.5	9.6	9.4	8.4	7.6	7.5	7.8	7.9
Fabricated metal products	8.2	8.0	7.9	8.1	8.2	8.2	8.3	8.3	8.4	8.4	8.4	8.4	8.2
Machinery, except electrical	4.0	3.6	3.8	4.2	4.4	4.4	3.9	3.9	3.9	3.9	3.9	3.8	3.8
Electric and electronic equipment	2.7	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8
Transportation equipment	8.8	8.8	8.8	8.8	8.7	8.8	8.7	8.7	8.8	8.7	8.8	8.7	8.7
Nondurable Goods[c]	5.3	5.1	5.1	5.2	5.2	5.2	5.3	5.3	5.4	5.5	5.4	5.4	5.2
NONMANUFACTURING[d]	127.4	123.0	123.3	123.9	125.6	128.4	128.3	127.6	128.1	129.5	129.8	130.3	130.4
CONSTRUCTION	5.5	4.2	4.2	4.2	4.8	5.4	6.0	6.4	6.8	6.6	6.4	6.0	5.6
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.6	7.6	7.7	7.8	7.8	7.8	7.8	7.7	7.9	7.8	7.6	7.6
Communication, electric, gas services	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
WHOLESALE TRADE	8.2	7.8	7.8	8.0	8.0	8.2	8.3	8.4	8.5	8.5	8.4	8.4	8.5
Wholesale trade-durable goods	5.5	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.7	5.6	5.6	5.6	5.6
RETAIL TRADE	35.3	34.5	33.9	34.2	34.8	35.2	35.6	35.4	35.7	35.5	35.4	36.1	36.9
General merchandise stores	6.0	6.2	5.9	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.1	6.5	6.7
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.0	7.0	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.2	7.2	7.2
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
SERVICES	40.1	38.5	38.7	38.9	39.5	40.3	40.6	41.0	40.9	41.2	40.7	40.5	40.4
Health services	17.8	17.8	17.8	17.8	17.7	17.6	17.8	17.9	17.9	17.9	17.9	18.0	18.0
GOVERNMENT	22.6	22.8	23.3	23.3	23.1	23.6	22.1	20.5	20.5	21.8	23.2	23.7	23.6
State government	3.7	3.6	4.1	4.1	3.7	4.1	4.0	3.1	3.0	3.0	3.7	4.2	4.1
State government education	2.3	2.2	2.7	2.7	2.3	2.7	2.5	1.6	1.5	1.6	2.3	2.7	2.6
State government, except education	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.5
Local government	17.0	17.3	17.4	17.4	17.6	17.7	16.2	15.5	15.5	16.9	17.6	17.6	17.5
Local government education	10.6	11.0	11.2	11.1	11.2	11.2	9.4	8.8	8.9	10.4	11.2	11.3	11.2
Local government, except education	6.4	6.2	6.2	6.3	6.3	6.5	6.8	6.7	6.5	6.5	6.4	6.3	6.4

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-18-86 RS-790-1-8 (1984)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA, 1983[a]
(in thousands)

Industry	1983 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	177.5	168.8	169.2	173.9	176.2	178.2	178.9	179.6	178.0	182.6	180.8	181.7	181.6
MANUFACTURING	52.8	47.8	48.7	52.0	52.6	52.8	53.2	53.8	53.4	54.9	54.3	54.9	54.6
Durable Goods[b]	47.7	43.0	44.0	47.2	47.7	47.9	48.2	48.8	48.2	49.7	49.0	49.7	49.5
Primary metal industries	22.4	20.0	21.0	21.9	22.1	22.1	22.2	22.5	23.0	23.1	23.1	23.9	23.5
Blast furnace and basic steel products	9.0	7.9	8.3	9.1	9.2	9.0	8.8	9.1	9.6	9.2	9.2	9.9	9.6
Fabricated metal products	7.7	7.1	7.3	7.3	7.5	7.5	7.7	7.9	8.0	8.0	7.9	7.9	7.9
Machinery, except electrical	3.7	4.1	4.0	3.9	3.8	3.8	3.8	3.8	3.5	3.5	3.3	3.4	3.4
Electric and electronic equipment	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
Transportation equipment	8.3	5.9	6.1	8.5	8.5	8.8	9.0	9.0	8.0	9.2	8.6	8.5	9.0
Nondurable Goods[c]	5.0	4.8	4.7	4.8	4.9	4.9	5.0	5.0	5.2	5.3	5.3	5.3	5.1
NONMANUFACTURING[d]	124.7	121.0	120.4	121.9	123.6	125.4	125.7	125.8	124.6	127.7	126.5	126.8	127.0
CONSTRUCTION	4.8	3.7	3.4	3.7	4.4	4.8	5.2	5.5	5.7	5.7	5.7	5.4	4.8
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.2	7.3	7.5	7.5	7.6	7.6	7.8	7.1	7.8	7.8	7.7	7.9
Communication, electric, gas services	3.2	3.3	3.2	3.2	3.3	3.3	3.3	3.3	2.8[e]	3.3	3.2	3.2	3.2
WHOLESALE TRADE	7.7	7.3	7.3	7.4	7.6	7.7	7.8	7.9	7.9	7.9	7.8	7.8	7.8
Wholesale trade-durable goods	5.1	4.8	4.8	4.9	5.0	5.1	5.2	5.3	5.3	5.3	5.2	5.2	5.2
RETAIL TRADE	34.3	33.1	32.4	32.9	33.7	34.2	34.5	34.7	34.8	34.9	34.9	35.6	36.4
General merchandise stores	6.1	6.3	5.9	5.9	6.0	6.0	6.1	6.0	5.9	6.0	6.1	6.5	6.8
FINANCE, INSURANCE, AND REAL ESTATE	7.1	7.0	7.0	7.1	7.1	7.1	7.2	7.3	7.2	7.2	7.0	7.1	7.1
Banking	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.5
SERVICES	38.9	37.7	37.7	38.0	38.5	38.9	39.3	39.9	39.6	40.6	39.1	38.7	38.8
Health services	17.6	17.5	17.5	17.5	17.5	17.4	17.5	17.6	17.6	17.6	17.6	17.6	17.7
GOVERNMENT	23.6	24.1	24.7	24.7	24.1	24.5	23.4	22.0	21.6	23.0	23.6	23.8	23.7
State government	3.7	3.6	4.0	4.1	3.8	4.0	3.9	3.2	3.1	3.2	3.7	4.0	4.2
State government education	2.2	2.0	2.5	2.5	2.2	2.5	2.4	1.6	1.5	1.7	2.3	2.6	2.7
State government, except education	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.4	1.5
Local government	18.0	18.7	18.9	18.8	18.5	18.5	17.6	17.0	16.7	17.9	18.0	18.0	17.6
Local government education	11.2	11.9	12.2	12.1	11.7	11.7	10.4	9.7	9.6	11.0	11.3	11.5	11.1
Local government, except education	6.8	6.8	6.7	6.7	6.8	6.8	7.2	7.2	7.1	6.9	6.7	6.5	6.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1985 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." [b] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [c] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [d] Includes mining. [e] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-27-86 RS-790-1-8 (1983)

SEASONAL ADJUSTMENT OF OHIO INDUSTRY EMPLOYMENT DATA

— Daniel Meaney, Statistician

Many economic time series are affected by regular intrayearly seasonal trends such as weather, school attendance, and peak shopping periods. In many industries, the effects of such seasonal patterns can be large enough to distort the short-term movement of the data series. The purpose of the seasonal adjustment process is to isolate and remove these regularly-recurring seasonal effects, making interpretation of underlying economic trends more accurate.

In the January 1986 issue of the *Labor Market Review*, the Ohio Bureau of Employment Services began publishing seasonally adjusted industry employment data from the Current Employment Statistics Survey and civilian labor force data from the Current Population Survey. In each month's *Labor Market Review* the previous 25 months of seasonally adjusted data is being reported for Total Nonagricultural Wage and Salary Employment, for the goods producing and service producing subcategories, for Manufacturing, and for the following major industry groupings:

- Mining
- Construction
- Durable-Goods Manufacturing
- Nondurable-Goods Manufacturing
- Transportation and Public Utilities
- Wholesale Trade
- Retail Trade
- Finance, Insurance, and Real Estate
- Services
- Government

Primarily for reasons of accuracy and consistency, the LMI staff has made every effort to follow the methodology and standards which the Bureau of Labor Statistics (BLS) utilizes in the seasonal adjustment of economic time series it publishes, including statewide labor force data for Ohio. Since 1980, BLS has used the "X-11 ARIMA" methodology in seasonally adjusting national-level establishment data. The following are some of the major features of seasonal adjustment methodology followed by LMI:

> 1) The most recent ten full calendar years of unadjusted employment data are used to develop seasonal adjustment models. All series are adjusted using multiplicative models under X-11 ARIMA.
>
> 2) Seasonal adjustment factors are applied directly only to the ten industry groupings listed above. Seasonally adjusted employment data for Manufacturing, Nonmanufacturing, and Total Nonagricultural wage and Salary Employment are derived by aggregating the adjusted data from the appropriate subcategories. Seasonally adjusted data for industries below the levels listed above, and for metropolitan areas, are not yet available.
>
> 3) Seasonally adjusted estimates are subject to a greater margin of error than the original estimates on which they are based, since the data are subject not only to sampling errors but also to uncertainties in the adjustment process. Due to this lack of precision, the adjusted data will be rounded to the nearest thousand prior to publication, while unadjusted data are rounded to the nearest hundred. Annual averages will continue to be based on unrounded, nonseasonally adjusted estimates.

Each January, seasonal adjustment models are recalculated with the addition of the most recent year's data and the exclusion of the earliest year's data. The adjustment factors for the succeeding twelve months, as well as revised estimates for the seasonally adjusted employment data for the previous five years, result from this reestimation.

The seasonal adjustment factors for the calendar year ahead will be published each year in the January issue of the *Review*. The estimation and publication of year-ahead factors is consistent with the practice of the Bureau of Labor Statistics in the adjustment of national industry data (see the June 1985 issue of *Employment and Earnings*).

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark. Employment data for 1985 will be revised at the next benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

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Ohio
Labor
Market
Information

Labor Market Review

March 1986

Summary. The seasonally adjusted unemployment rate in Ohio dropped from 8.7 percent in February to 7.4 percent in March, its lowest level since March 1980. Total employment advanced 29,000 to a new high of 4,919,000, according to the monthly household survey. The number of unemployed workers in Ohio dropped sharply over the month, from 467,000 in February to 392,000 in March. The civilian labor force was down from 5,357,000 in February to 5,311,000 in March. The U.S. seasonally adjusted unemployment rate, at 7.2 percent in March 1986, was little changed from the February rate of 7.3 percent. Seasonally adjusted nonagricultural wage and salary employment rose 3,000 from February, to 4,485,000 in March, according to the latest employer survey. (See page 3.)

Factory Employment. Ohio manufacturing employment lost ground again in March 1986. Seasonally adjusted factory employment declined from 1,127,000 in February 1986 to 1,118,000 in March. Most of the change occurred in durable-goods industries.

Nonmanufacturing. Increases of 4,000 jobs in retail trade and in services accounted for most of the improvement—from 3,356,000 in February to 3,366,000 in March—in seasonally adjusted nonmanufacturing employment in Ohio. Slight increases in employment were also reported in government, wholesale trade, and finance, insurance, and real estate.

Over the Year. Ohio's civilian labor force rose 3.3 percent, or 168,000 workers, between March 1985 and March 1986. Total employment jumped 246,000, or 5.3 percent, as the number of unemployed workers was reduced by 78,000. The statewide unemployment rate fell from 9.1 percent of the civilian labor force in March 1985 to 7.4 percent in March 1986. The national rate, at 7.2 percent, was down fractionally over the year. The increase of 142,000, or 3.3 percent, in nonagricultural wage and salary employment during the period was concentrated in nonmanufacturing, especially in services and retail trade. Losses in durable goods reduced manufacturing employment by 11,000, to 1,118,000, from March 1985 to March 1986. Employment in mining declined slightly over the year. All other divisions evidenced slight-to-moderate increases.

Factory Hours and Earnings. In March 1986, Ohio factory production workers averaged $489.83 for a workweek of 42.3 hours, up $ 1.15 and .1 hours from February. Wage rate increases and stepped-up overtime lifted hours and earnings in fabricated metal products, nonelectrical machinery, printing and publishing, and chemicals and allied products. Cutbacks in overtime reduced averages, however, in paper and allied products, transportation equipment, and primary metals.

Benefits and Costs. There were 56,732 initial claims filed under the Ohio Unemployment Compensation Law in March 1986, down 11.1 percent from February and down 3.2 percent from March 1985. The average weekly number of benefit recipients fell from 136,532 in February,

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

to 134,531 in March. The average benefit check of $150.71 was $.45 higher than in February. Total benefits paid in March were $81.0 million, down .4 percent from last month. At the end of March, there were 191,556 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services served 47,262 new job applicants in March, up 6.8 percent from February. Employers reported 10,918 new job openings, up 17.7 percent. The Employment Services Division made 22,824 job referrals and 5,167 placements.

BANK ON OBES

Are you having difficulty locating the workers you need? You might be able to solve this problem by putting your job openings in the National Job Bank System through the Ohio Bureau of Employment Services (OBES).

A few facts about the National Job Bank System:

* It is part of the largest computerized network of job openings in the United States.
* It operates on three levels to fill your need for workers: locally, statewide and interstate-wide.
* It can provide national exposure of your job order without cost to you.

For further information, contact your nearest OBES office.

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GRAMM-RUDMAN-HOLLINGS AND LABOR MARKET INFORMATION

Dixie Sommers, Director

As with nearly all other federally funded programs, part of the labor market information program in the United States has fallen to the ax of the Balanced Budget and Emergency Deficit Control Act, commonly known as "Gramm-Rudman-Hollings." This Act requires across-the-board cuts beginning in March 1986 to meet the projected federal deficit target for Federal Fiscal Year 1986.

These cuts include the labor market information programs of the Ohio Bureau of Employment Services funded by the Bureau of Labor Statistics, including the programs which provide the data published in the *Labor Market Review.* The impact of Gramm-Rudman-Hollings on Ohio's programs is described below so that *Review* subscribers may understand the problems in maintaining funding for these data.

The Bureau of Labor Statistics (BLS) supports four OBES programs:

- **Current Employment Statistics** - the monthly employer survey providing employment, hours, and earnings data issued in the *Review* for Ohio and its eight large metropolitan areas,
- **Local Area Unemployment Statistics** - providing the metropolitan area labor force data published in the *Review* and the county data issued in the monthly *Labor Force Estimates* publication,
- **Occupational Employment Statistics** - an employer survey providing information on the occupational composition of non-farm wage and salary jobs in Ohio, and
- **Covered Employment and Wages** - providing basic employment and payroll data on employers covered by Ohio's unemployment compensation law.

The BLS responded to the Gramm-Rudman-Hollings cuts by requiring the states to drop certain activities in the first three programs. Cuts in the Covered Employment and Wages program were absorbed at the national level.

In the Current Employment Statistics survey, a 4.3 percent cut was made by reducing the number of metropolitan areas for which BLS funds the cost of preparing the estimates and publishing the results. *In Ohio, this means that, for the remainder of FY 1986, BLS no longer funds the preparation and publication of employment, hours, and earnings data for the Youngstown-Warren and Canton areas.* These cuts were implemented despite the fact that Youngstown-Warren and Canton are among the largest metropolitan statistical areas in the six states in the midwest region (see Table). Youngstown-Warren ranks 16th among the 56 areas in the region for which Current Employment Statistics data were published in 1985. Canton ranks 20th.

Because of the importance of these two areas to the Ohio economy, the Administrator of OBES requested alternative funding to support continued preparation and publication of their data. This funding was approved by the Ohio Unemployment Compensation Advisory Commission, and will allow the content of the *Review* to remain unchanged. However, data for these two Ohio areas will no longer appear in the national publications and the electronic data files of the BLS. These two areas will likely be excluded from consideration by users who are comparing metropolitan areas for market analysis, plant location studies, and similar applications.

In the Local Area Unemployment Statisties program, a 3.0 percent cut resulted in deleting the regularly scheduled end-of-year revision of 1983 data for counties and metropolitan areas. The revisions of 1984 and 1985 data were conducted, including the introduction of 1980 Census data on commuting patterns beginning with labor force estimates for 1984. The quality of the 1983 estimates and their comparability with later data are compromised, especially for areas in which commuting patterns changed significantly between 1970 and 1980.

Finally, in the Occupational Employment Statistics program, BLS cut funding by 10.3 percent and will only support the collection of statewide data for two-digit Standard Industrial Classification categories rather than for the three-digit categories. For example, in the 1986 survey of manufacturing, BLS will fund collecting occupational data for Transportation Equipment Manufacturing (SIC 37) rather than for its components such as Motor Vehicles and Equipment (SIC 371) or Aircraft and Parts (SIC 372). OBES has secured additional funding to allow the collection of data at the three-digit level in 1986.

The impact of Gramm-Rudman-Hollings described above deals only with cuts made in FY 1986. Some of these cuts may be restored in the federal budget for FY 1987; some may not be restored. And, of course, the impact of Gramm-Rudman-Hollings may be greater in the future. The effect of these federal actions on Ohio's labor market information program will be noted in the *Review* as they occur.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN METROPOLITAN STATISTICAL AREAS OF BLS REGION V

Ranked by Size

Rank	Area	1985 Average	Rank	Area	1985 Average
1	Chicago IL	2,939.6	29	South Bend-Mishawaka IN	103.9
2	Detroit MI	1,749.5	30	Kalamazoo MI	97.2
3	Minneapolis-St. Paul MN	1,213.0	31	Joliet IL	91.9
4	**Cleveland OH**	**869.3**	32	Springfield IL	91.0
5	Milwaukee WI	662.1	33	Elkhart-Goshen IN	87.7
6	**Cincinnati OH**	**628.2**	34	Green Bay WI	87.5
7	**Columbus OH**	**606.5**	35	Duluth MN	83.8
8	Indianapolis IN	554.4	36	Champaign-Urbana-Rantoul IL	76.9
9	**Dayton-Springfield OH**	**407.8**	37	Racine WI	66.2
10	Grand Rapids MI	293.4	38	St. Cloud MN	61.2
11	**Toledo OH**	**264.4**	39	Lafayette IN	59.4
12	**Akron OH**	**258.3**	40	Benton Harbor MI	59.0
13	Gary-Hammond IN	215.6	41	Muskegon MI	55.2
14	Lansing-East Lansing MI	188.6	42	Rochester MN	55.1
15	Madison WI	188.2	43	Battle Creek MI	54.2
16	**Youngstown-Warren OH**	**183.9**	44	Janesville-Beloit WI	52.5
17	Lake County IL	172.8	45	Terre Haute IN	51.6
18	Flint MI	171.2	46	Bloomington-Normal IL	51.5
19	Fort Wayne IN	166.1	47	Eau Claire WI	50.7
20	**Canton OH**	**152.2**	48	Decatur IL	49.5
21	Ann Arbor MI	149.2	49	Jackson MI	48.2
22	Davenport-Rock Island-Moline IL	147.9	50	Anderson IN	47.8
23	Saginaw-Bay City-Midland MI	145.1	51	LaCrosse WI	47.6
24	Appleton-Oshkosh-Neenah WI	135.7	52	Muncie IN	47.5
25	Peoria IL	129.8	53	Sheboygan WI	44.1
26	Aurora-Elgin IL	127.0	54	Wausau WI	42.1
27	Evansville IN	121.7	55	Kenosha WI	38.8
28	Rockford IL	119.6	56	Kankakee IL	32.2

Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Mar. 1986	Feb. 1986	Mar. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,311	5,357	5,143	-46	168	-0.9	3.3
Employment	4,919	4,890	4,673	29	246	0.6	5.3
Unemployment	392	467	470	-75	-78	-16.1	-16.6
Unemployment Rate	7.4	8.7	9.1				
Employer Survey Data[e]							
Total	4,485	4,482	4,343	3	142	0.1	3.3
Manufacturing	1,118	1,127	1,129	-8	-11	-0.7	-1.0
Durable Goods	762	769	774	-7	-12	-0.9	-1.6
Nondurable Goods	357	358	355	-1	1	-0.3	0.4
Nonmanufacturing	3,366	3,356	3,213	11	153	0.3	4.8
Mining	26	26	27	-1	-1	-1.9	-4.1
Construction	158	159	151	0	7	-0.3	4.6
Transportation and Public Utilities	204	204	203	0	1	-0.1	0.5
Wholesale Trade	254	253	244	1	9	0.4	3.8
Retail Trade	828	824	777	4	52	0.5	6.7
Finance, Insurance, and Real Estate	225	224	216	1	9	0.3	4.1
Services	997	993	934	4	63	0.4	6.8
Government	675	673	662	2	13	0.2	2.0
Goods Producing Industries[f]	1,302	1,311	1,308	-9	-5	-0.7	-0.4
Service Producing Industries[g]	3,182	3,171	3,035	12	147	0.4	4.9

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1984					
March	5,015	4,510	505	10.1	7.8
April	5,036	4,536	500	9.9	7.8
May	5,091	4,567	524	10.3	7.5
June	5,087	4,617	470	9.2	7.2
July	5,143	4,711	432	8.4	7.5
August	5,104	4,617	487	9.5	7.5
September	5,126	4,663	463	9.0	7.4
October	5,121	4,648	473	9.2	7.3
November	5,082	4,638	444	8.7	7.1
December	5,124	4,656	468	9.1	7.2
1985					
January	5,111	4,667	444	8.7	7.4
February	5,135	4,678	457	8.9	7.3
March	5,143	4,673	470	9.1	7.3
April	5,148	4,684	464	9.0	7.3
May	5,071	4,659	412	8.1	7.3
June	5,065	4,623	442	8.7	7.3
July	5,100	4,626	474	9.3	7.3
August	5,104	4,645	459	9.0	7.1
September	5,154	4,678	476	9.2	7.1
October	5,154	4,688	466	9.0	7.1
November	5,181	4,723	458	8.8	7.0
December	5,186	4,749	437	8.4	6.9
1986					
January	5,226	4,758	468	9.0	6.7
February	5,357	4,890	[illegible]	8.7	7.3
March	5,311	4,919	392	7.4	7.2

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural	Manufacturing		
			Durable	Nondurable
1984				
March	4,206	1,118	766	352
April	4,219	1,123	771	353
May	4,236	1,126	773	354
June	4,253	1,129	775	354
July	4,267	1,133	778	354
August	4,288	1,138	783	355
September	4,289	1,130	775	354
October	4,306	1,132	777	356
November	4,321	1,135	780	356
December	4,327	1,137	781	355
1985				
January	4,323	1,134	779	355
February	4,328	1,133	778	356
March	4,343	1,129	774	355
April	4,358	1,127	772	355
May	4,376	1,127	772	355
June	4,367	1,123	769	354
July	4,376	1,118	767	351
August	4,384	1,116	763	353
September	4,394	1,110	757	353
October	4,410	1,115	763	353
November	4,430	1,121	767	354
December	4,449	1,126	772	354
1986				
January	4,483	1,130	774	357
February	4,482	1,127	769	358
March	4,485	1,118	762	357

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

	Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
1984									
March	3,088	28	136	205	233	735	210	890	652
April	3,096	28	139	205	234	737	210	891	653
May	3,110	28	141	205	235	739	211	895	652
June	3,124	28	145	204	237	744	211	904	651
July	3,134	28	146	204	238	749	212	907	651
August	3,151	28	147	204	239	754	212	913	654
September	3,160	28	147	203	239	756	212	913	660
October	3,174	28	150	204	240	760	213	918	661
November	3,186	28	149	203	241	768	214	922	661
December	3,190	27	151	203	242	767	214	925	660
1985									
January	3,189	27	151	203	243	770	215	927	654
February	3,195	27	148	203	244	771	215	929	658
March	3,213	27	151	203	244	777	216	934	662
April	3,231	27	154	203	245	781	216	943	663
May	3,249	27	156	203	246	787	218	950	664
June	3,244	26	152	202	245	788	218	949	663
July	3,259	26	153	202	246	792	219	955	666
August	3,268	26	155	201	247	795	219	959	667
September	3,284	26	155	202	248	798	220	964	670
October	3,294	26	156	203	249	803	221	968	669
November	3,309	26	156	203	250	806	222	975	670
December	3,323	26	158	204	251	809	222	984	670
1986									
January	3,353	27	160	204	252	820	223	991	677
February	3,356	26	159	204	253	824	224	993	673
March	3,366	26	158	204	254	828	225	997	675

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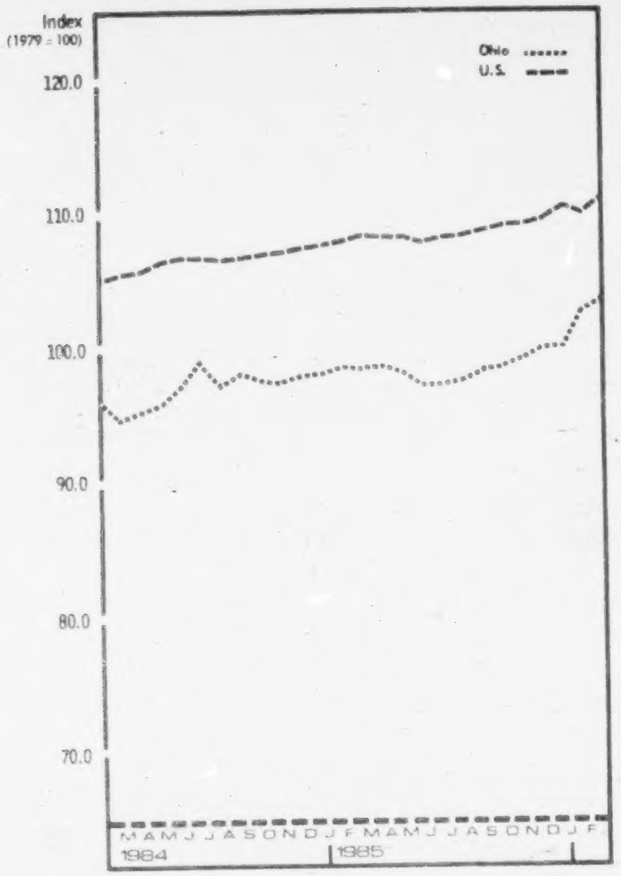
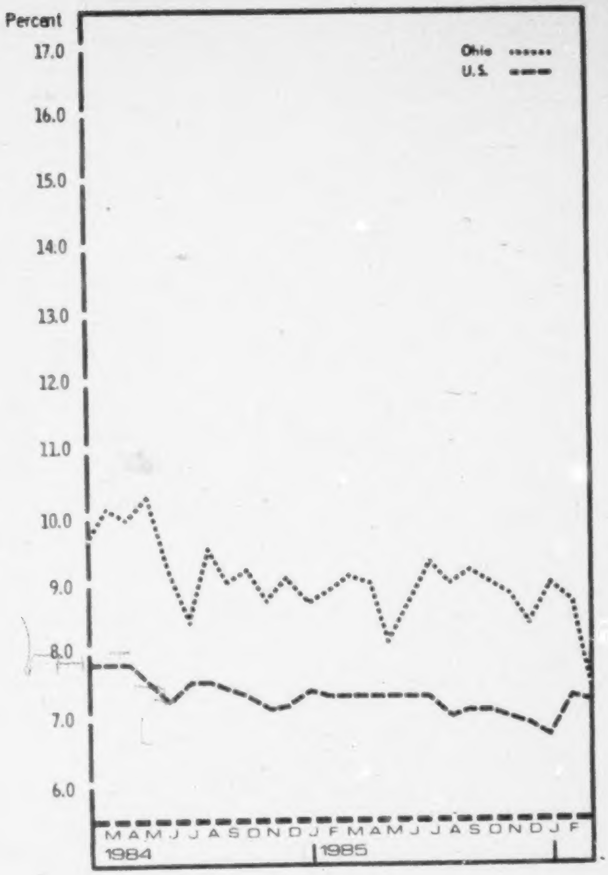
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 8. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

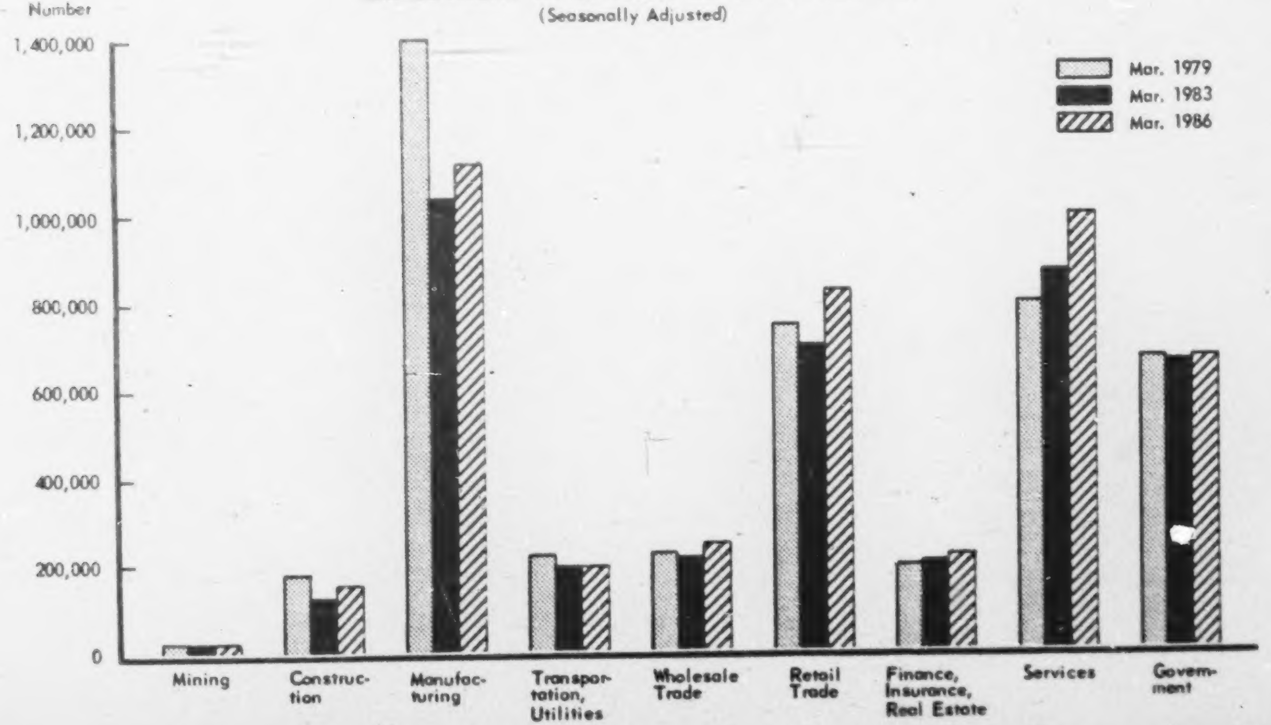
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,099	4,478	621	12.2	9.6
1984	5,089	4,609	480	9.4	7.5
1985	5,130	4,675	455	8.9	7.2
1985					
March	5,057	4,567	490	9.7	7.5
April	5,099	4,646	453	8.9	7.1
May	5,054	4,674	381	7.5	7.0
June	5,146	4,707	439	8.5	7.5
July	5,237	4,750	487	9.3	7.4
August	5,207	4,751	456	8.8	6.9
September	5,185	4,719	466	9.0	6.9
October	5,216	4,747	469	9.0	6.8
November	5,200	4,734	466	9.0	6.7
December	5,156	4,721	436	8.5	6.7
1986					
January	5,121	4,647	474	9.3	7.3
February	5,212	4,740	472	9.1	7.8
March	5,226	4,812	414	7.9	7.5

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural			
		Manufacturing		
			Durable	Nondurable
1975	4,016.2	1,267.5	892.4	375.1
1976	4,094.6	1,295.3	910.6	384.6
1977	4,230.1	1,344.1	945.2	398.9
1978	4,394.9	1,377.2	974.5	402.7
1979	4,484.8	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,378.6	1,123.1	769.1	354.0
1985				
March	4,282.7	1,124.2	772.6	351.6
April	4,347.0	1,123.8	771.4	352.4
May	4,404.3	1,128.3	774.0	354.3
June	4,411.9	1,130.4	774.8	355.6
July	4,383.5	1,120.4	768.3	352.1
August	4,385.8	1,118.4	761.3	357.2
September	4,437.7	1,121.4	762.6	358.8
October	4,456.8	1,119.8	765.5	354.4
November	4,473.1	1,123.1	768.2	354.9
December	4,483.7	1,123.6	769.5	354.1
1986				
January	4,393.4	1,119.3	766.7	352.7
February	4,387.1	1,114.2	761.2	353.0
March	4,421.6	1,113.3	760.4	353.0

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.5	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,158.6	26.0	130.0	199.3	242.0	March	751.5	214.1	920.0	675.7
3,223.2	26.2	145.1	201.6	243.8	April	771.8	215.3	944.0	675.4
3,276.0	26.4	156.3	203.4	246.0	May	789.0	217.4	958.9	678.6
3,281.5	26.5	161.3	204.7	246.9	June	794.4	219.8	965.1	662.7
3,283.2	26.8	168.1	204.4	248.1	July	797.4	221.4	966.3	630.8
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	248.4	February	790.3	222.0	972.0	684.7
3,308.3	25.0	135.8	200.5	251.2	March	801.7	223.0	982.4	688.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment

(in thousands)

	Manufacturing	Durable Goods	Nondurable Goods
1975	1,267.5	892.4	375.1
1976	1,295.3	910.6	384.6
1977	1,344.1	945.2	398.9
1978	1,377.2	974.5	402.7
1979	1,382.3	980.5	401.8
1980	1,264.3	882.6	381.8
1981	1,232.6	860.4	372.2
1982	1,099.9	752.4	347.5
1983	1,066.0	723.6	342.4
1984	1,127.0	773.4	353.6
1985	1,123.1	769.1	354.0
1985			
March	1,124.2	772.6	351.6
April	1,123.8	771.4	352.4
May	1,128.3	774.0	354.3
June	1,130.4	774.8	355.6
July	1,120.4	768.3	352.1
August	1,118.4	761.3	357.2
September	1,121.4	762.6	358.8
October	1,119.8	765.5	354.4
November	1,123.1	768.2	354.9
December	1,123.6	769.5	354.1
1986			
January	1,119.3	766.7	352.7
February	1,114.2	761.2	353.0
March	1,113.3	760.4	353.0

Production Workers in Manufacturing

	Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1975	897.8	$201.5	36.2
1976	926.1	233.9	38.2
1977	958.0	271.2	40.2
1978	985.5	302.5	41.5
1979	979.0	318.5	40.6
1980	867.8	301.9	35.2
1981	847.7	330.4	34.7
1982	735.7	297.1	29.5
1983	721.6	315.4	29.9
1984	781.5	362.3	33.1
1985	773.4	369.7	32.5
1985			
March	777.3	373.1	33.0
April	775.8	369.5	32.6
May	778.3	370.4	32.7
June	778.6	374.5	32.9
July	767.9	362.8	32.0
August	766.0	359.7	31.9
September	769.5	368.9	32.5
October	768.9	370.9	32.4
November	772.9	376.6	32.8
December	773.5	387.2	33.3
1986			
January	769.1	375.5	32.5
February	764.1	373.4	32.2
March	757.6	371.1	32.0

Production Workers Average Weekly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1975	$224.47	$228.90	$211.85
1976	252.54	258.75	235.00
1977	283.08	292.02	258.34
1978	306.91	316.83	279.30
1979	325.36	335.30	297.78
1980	347.94	358.57	319.99
1981	389.78	401.64	358.16
1982	403.81	414.80	378.95
1983	437.18	452.35	402.52
1984	463.61	482.38	417.83
1985	477.96	499.56	425.80
1985			
March	479.97	501.30	424.76
April	476.28	497.45	424.98
May	475.86	498.20	420.66
June	480.95	502.25	429.11
July	472.46	490.31	426.01
August	469.54	489.81	422.91
September	479.39	500.74	430.54
October	482.35	505.33	424.98
November	487.18	508.22	434.93
December	500.52	526.44	439.10
1986			
January	488.25	511.70	434.51
February	488.68	512.90	432.41
March	489.83	514.11	429.30

Production Workers Average Weekly Hours

	Manufacturing	Durable Goods	Nondurable Goods
1975	[illegible]	40.3	40.2
1976	41.2	41.4	41.3
1977	42.0	42.2	41.4
1978	42.1	42.3	41.5
1979	41.5	41.6	41.1
1980	40.6	40.7	40.2
1981	40.9	40.9	40.7
1982	40.1	40.0	40.4
1983	41.4	41.5	41.2
1984	42.3	42.5	41.7
1985	42.0	42.3	41.3
1985			
March	42.4	42.7	41.4
April	42.0	42.3	41.3
May	42.0	42.4	41.0
June	42.3	42.6	41.5
July	41.7	41.8	41.2
August	41.7	41.9	41.3
September	42.2	42.4	41.8
October	42.2	42.5	41.3
November	42.4	42.6	41.7
December	43.0	43.4	42.1
1986			
January	42.2	42.5	41.7
February	42.2	42.6	41.3
March	42.3	42.7	41.2

Production Workers Average Hourly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1975	$ 5.57	$ 5.68	$ 5.27
1976	6.10	6.25	5.69
1977	6.74	6.92	6.24
1978	7.29	7.49	6.73
1979	7.84	8.06	7.25
1980	8.57	8.81	7.96
1981	9.53	9.82	8.80
1982	10.07	10.37	9.38
1983	10.56	10.90	9.77
1984	10.96	11.35	10.02
1985	11.38	11.81	10.31
1985			
March	11.32	11.74	10.26
April	11.34	11.76	10.29
May	11.33	11.75	10.26
June	11.37	11.79	10.34
July	11.33	11.73	10.34
August	11.26	11.69	10.24
September	11.36	11.81	10.30
October	11.43	11.89	10.29
November	11.49	11.93	10.43
December	11.64	12.13	10.43
1986			
January	11.57	12.04	10.42
February	11.58	12.04	10.47
March	11.58	12.04	10.42

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

	Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	[illegible]	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.9	138.7	167.3	93.1	144.9	62.8	65.1	90.8
1985	50.4	102.7	138.9	166.2	90.5	151.7	62.7	66.6	91.0
1985									
March	49.5	105.7	138.8	168.9	92.6	148.6	61.1	65.8	91.1
April	50.0	104.6	139.5	168.5	91.3	149.3	61.1	66.3	90.9
May	50.6	104.7	140.9	167.4	90.6	150.6	61.7	66.6	91.1
June	51.0	103.9	140.8	167.7	90.5	151.9	62.7	66.5	91.6
July	50.7	103.3	138.3	166.3	89.7	151.1	62.7	66.5	88.7
August	51.2	99.0	137.2	164.2	89.8	150.5	65.5	66.8	90.5
September	51.4	98.5	139.1	164.0	89.2	150.9	65.9	66.9	91.4
October	51.2	99.0	138.7	163.4	89.1	154.5	63.3	67.1	91.3
November	51.0	101.3	138.6	162.9	88.1	157.2	62.9	67.5	91.7
December	49.8	102.7	137.3	163.4	89.0	158.3	63.0	67.6	91.1
1986									
January	49.3	103.0	136.6	163.0	89.1	157.9	62.6	67.3	90.8
February	48.7	102.8	136.0	160.7	88.2	156.3	62.4	67.1	91.7
March	48.5	102.7	137.0	160.2	88.3	154.5	62.6	67.1	91.8

Average Weekly Earnings of Production Workers

	Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	$207.55	$256.46	$224.96	$228.25	$201.30	$263.22	$222.68	$226.95	$213.31
1976	232.40	294.58	256.60	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	427.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	419.99
1985	434.30	548.83	492.15	475.58	433.30	635.26	413.25	395.14	429.17
1985									
March	428.48	546.33	502.15	476.69	438.48	634.05	414.83	390.02	428.93
April	440.16	548.77	505.57	470.22	427.18	621.53	413.00	386.83	429.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.18	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	439.05	553.50	487.39	478.13	435.59	638.17	423.47	403.52	431.63
October	441.84	541.86	490.98	478.41	446.71	653.05	408.93	399.36	426.38
November	441.21	549.67	496.93	476.72	449.77	646.70	404.33	411.08	437.68
December	441.60	565.30	519.50	489.46	466.99	677.37	405.87	424.51	443.23
1986									
January	437.22	555.59	500.65	480.11	454.30	649.52	405.32	403.37	442.96
February	434.84	561.19	496.18	483.51	460.06	652.24	402.98	400.62	438.44
March	443.22	553.85	505.14	489.63	461.32	649.89	398.38	410.22	438.87

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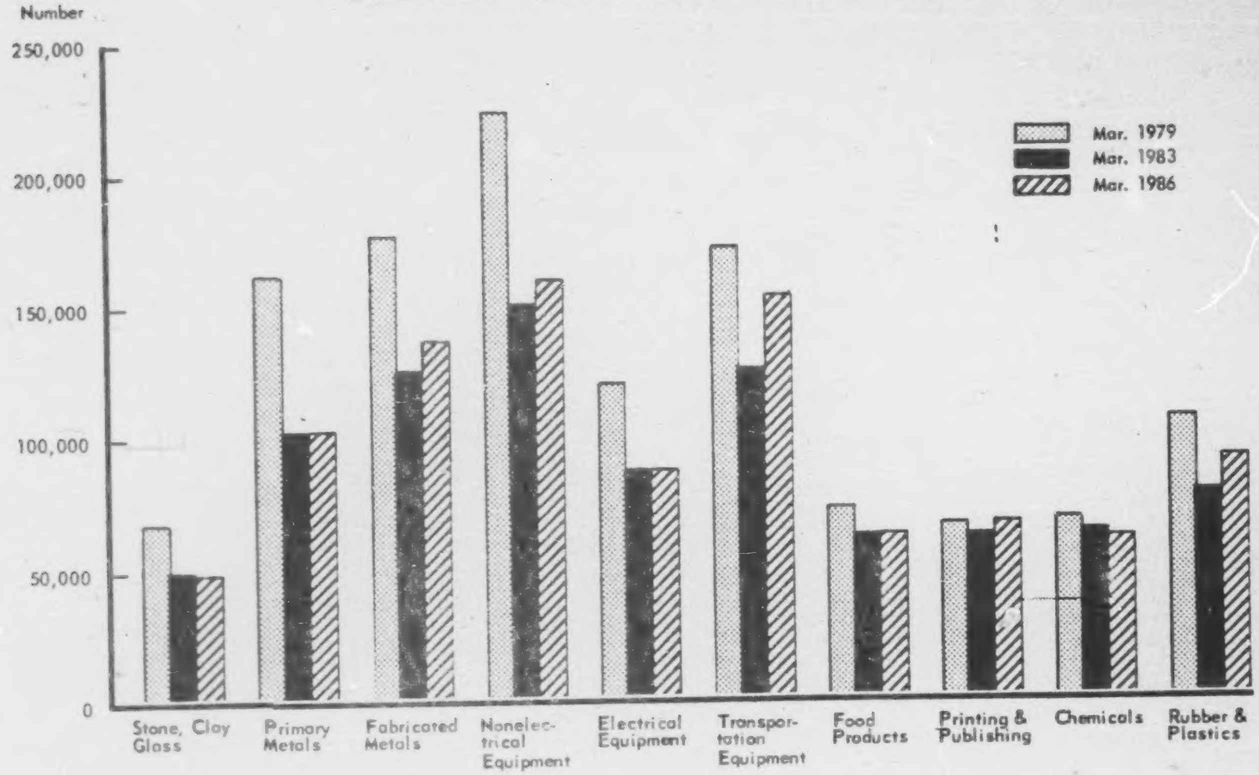
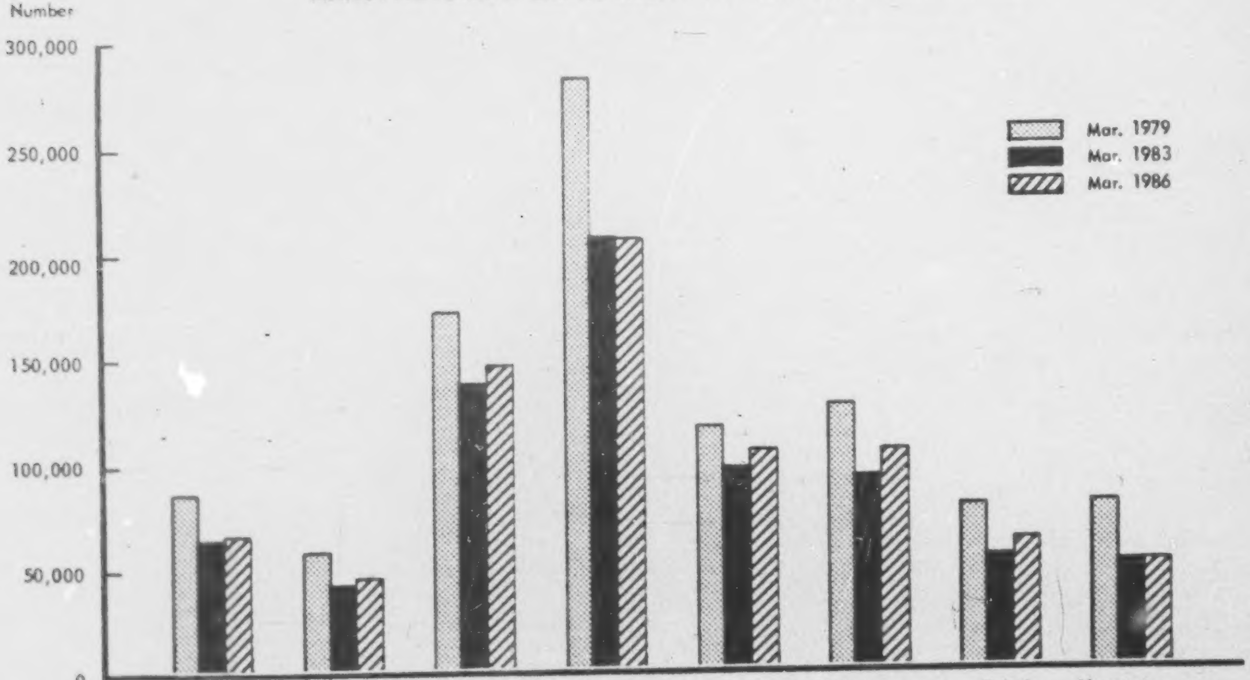
[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	4421.6	4387.1	4282.7	34.5	138.9
MANUFACTURING	1113.3	1114.2	1124.2	- .8	- 10.9
Durable Goods[e]	760.4	761.2	772.6	- .8	- 12.2
Lumber and wood products	17.2	17.0	15.6	.2	1.6
Furniture and fixtures	14.6	14.6	15.2	.0	- .5
Stone, clay, and glass products	48.5	48.7	49.5	- .1	- 1.0
Glass and glassware, pressed or blown	11.4	11.5	12.1	- .1	- .6
Primary metal industries	102.7	102.8	105.7	- .1	- 3.0
Blast furnace and basic steel products	47.7	47.3	48.9	- .1	- 1.7
Iron and steel foundries	21.5	21.3	21.6	.2	.0
Nonferrous rolling and drawing	18.2	18.5	18.8	- .3	- .6
Fabricated metal products	137.0	136.0	138.8	1.0	- 1.8
Cutlery, hand tools, and hardware	11.1	11.1	11.6	.0	- .5
Fabricated structural metal products	28.1	28.0	28.2	.0	- .2
Metal forgings and stampings	43.5	42.7	44.6	.7	- 1.1
Machinery, except electrical	160.2	160.7	168.9	- .5	- 8.7
Construction and related machinery	14.0	13.9	16.0	.0	- 2.0
Metalworking machinery	40.7	40.9	42.9	- .2	- 2.2
Special industry machinery	17.1	17.4	18.3	- .2	- 1.1
General industrial machinery	29.5	29.5	31.2	.0	- 1.7
Office and computing machines	13.5	13.3	13.7	.1	- .2
Refrigeration and service machinery	16.5	16.7	17.4	- .2	- .9
Electric and electronic equipment	88.3	88.2	92.6	.1	- 4.2
Electrical industrial apparatus	17.1	17.3	18.5	- .2	- 1.4
Household appliances	17.3	17.3	17.0	.0	.3
Electric lighting and wiring equipment	17.3	17.1	18.4	.1	- 1.2
Communication equipment	10.0	10.1	11.3	- .1	- 1.3
Transportation equipment	154.5	156.3	149.6	- 1.8	4.9
Motor vehicles and equipment	99.3	101.3	99.0	- 2.0	.3
Aircraft and parts	46.3	46.3	41.4	.1	5.0
Instruments and related products	23.5	23.4	22.9	.0	.6
Measuring and controlling devices	12.7	12.7	12.3	.0	.3
Nondurable Goods[f]	353.0	353.0	351.8	.0	1.3
Food and kindred products	62.6	62.4	61.1	.2	1.5
Meat products	10.1	10.2	10.2	- .1	- .1
Dairy products	9.4	9.4	9.5	.0	- .1
Preserved fruits and vegetables	10.4	10.5	10.3	.0	.1
Bakery products	8.9	8.7	8.4	.2	.4
Beverages	10.2	10.1	9.7	.0	.5
Apparel and other textile products	16.4	16.6	16.9	- .3	- .5
Paper and allied products	36.4	36.5	36.9	- .1	- .5
Misc. converted paper products	12.0	12.1	12.0	- .1	.0
Paperboard containers and boxes	11.8	11.8	12.1	.0	- .3
Printing and publishing	67.1	67.1	65.8	.0	1.3
Newspapers	18.9	19.0	18.3	- .1	.6
Commercial printing	25.7	25.6	24.7	.1	1.0
Chemicals and allied products	61.6	61.6	62.4	- .1	- .9
Industrial inorganic chemicals	9.6	9.6	10.7	.0	- 1.1
Rubber and misc. plastics products	91.8	91.7	91.1	.1	.7
Tires and inner tubes	18.8	18.8	20.5	.0	- 1.7
Miscellaneous plastics products	53.1	53.0	50.3	.2	2.8

See footnotes on page 15

Ohio (continued)

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3308.3	3272.9	3158.6	35.3	149.7
Mining	25.0	25.4	26.0	- .4	- 1.0
Bituminous coal and lignite mining	10.7	10.8	10.9	.0	- .2
Oil and gas extraction	10.3	10.7	11.1	- .5	- .8
CONSTRUCTION	135.8	129.8	130.0	6.0	5.8
General building contractors	35.7	34.3	33.3	1.5	2.5
Heavy construction contractors	14.8	13.6	14.0	1.2	.8
Highway and street construction	5.1	4.5	4.6	.6	.5
Special trade contractors	85.3	81.9	82.7	3.3	2.5
TRANSPORTATION AND PUBLIC UTILITIES	200.5	199.4	199.3	1.1	1.2
Railroad transportation	15.2	15.3	16.5	- .1	- 1.3
Transportation, except railroads	96.0	94.7	93.3	1.3	2.7
Trucking and warehousing	69.3	68.5	67.6	.8	1.7
Communication, electric, gas services	89.4	89.4	89.5	- .1	- .1
Communication	48.7	48.8	49.4	- .1	- .7
Electric, gas, and sanitary services	40.7	40.7	40.1	.0	.6
WHOLESALE TRADE	251.2	249.4	242.0	1.8	9.1
Wholesale trade-durable goods	160.0	158.9	153.8	1.2	6.2
Motor vehicles & automotive equipment	24.8	24.4	23.5	.4	1.2
Electrical goods	20.8	20.7	20.1	.1	.7
Machinery, equipment, and supplies	67.6	67.2	64.9	.3	2.7
Wholesale trade-nondurable goods	91.1	90.6	88.2	.6	2.9
Groceries and related products	28.4	28.2	27.4	.2	1.0
RETAIL TRADE	801.7	790.3	751.5	11.4	50.2
General merchandise stores	111.3	109.3	109.0	2.0	2.4
Department stores	101.8	99.9	99.7	1.9	2.1
Food stores	127.2	126.4	121.5	.8	5.7
Automotive dealers & service stations	90.5	89.5	83.9	1.1	6.6
Apparel and accessory stores	37.6	37.3	35.2	.3	2.4
Eating and drinking places	280.2	274.7	259.3	5.5	20.8
FINANCE, INSURANCE, AND REAL ESTATE	223.0	222.0	214.1	1.0	8.9
Banking	61.6	61.5	58.3	.1	3.3
Credit agencies other than banks	35.0	34.8	33.9	.2	1.2
Insurance carriers	58.9	58.7	57.8	.2	1.0
Life insurance	21.3	21.2	21.9	.0	- .6
Fire, marine, and casualty insurance	28.2	28.1	27.3	.1	.9
SERVICES	982.4	972.0	920.0	10.4	62.4
Hotels and other lodging places	32.7	32.1	30.1	.6	2.6
Personal services	55.5	54.6	51.5	.8	3.9
Laundry, cleaning, & garment services	18.3	18.0	17.2	.3	1.1
Business services	186.3	183.2	164.4	3.0	21.9
Services to buildings	28.1	27.6	25.4	.4	2.7
Computer and data processing services	18.2	17.8	14.9	.3	3.3
Amusement and recreation services	30.4	28.3	29.7	2.1	.7
Health services	334.9	333.9	324.2	1.0	10.8
Nursing and personal care facilities	71.9	71.7	69.0	.2	2.9
Hospitals	167.4	167.3	165.1	.1	2.2
Educational services	66.1	66.8	63.4	- .7	2.6
Colleges and universities	37.1	37.9	36.1	- .8	1.0
GOVERNMENT	688.8	684.7	675.7	4.1	13.1
Federal government	93.2	92.4	89.6	.8	3.7
State government	153.3	151.9	149.9	1.4	3.4
State government education	83.4	82.3	81.0	1.0	2.3
State government, except education	70.0	69.6	68.9	.4	1.1
Local government	442.2	440.4	436.3	1.9	6.0
Local government education	260.1	259.1	255.9	1.0	4.2
Local government, except education	182.1	181.2	180.4	.9	1.8

See footnotes on page 15.

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$489.83	$488.68	$479.97	42.3	42.2	42.4	$11.58	$11.58	$11.32
Durable Goods[e]	514.11	512.90	501.30	42.7	42.6	42.7	12.04	12.04	11.74
Lumber and wood products	286.63	281.32	319.61	39.7	39.4	41.4	7.22	7.14	7.72
Furniture and fixtures	349.45	339.01	320.80	41.9	40.6	40.0	8.34	8.35	8.02
Stone, clay, and glass products	443.22	434.84	428.48	41.5	41.1	41.6	10.68	10.58	10.30
Glass and glassware, pressed or blown	475.88	465.56	450.46	42.3	41.2	40.4	11.25	11.30	11.15
Primary metal industries	553.85	561.19	546.33	41.8	42.1	41.8	13.25	13.33	13.07
Blast furnace and basic steel products	550.11	550.67	528.87	40.9	40.7	39.9	13.45	13.53	13.26
Iron and steel foundries	610.93	620.20	568.29	43.7	44.3	42.6	13.98	14.00	13.34
Nonferrous rolling and drawing	560.18	579.90	624.90	40.8	41.9	44.1	13.73	13.84	14.17
Fabricated metal products	505.14	496.18	502.15	42.7	42.3	42.7	11.83	11.73	11.76
Cutlery, hand tools, and hardware	503.87	494.10	521.52	40.7	40.5	42.4	12.38	12.20	12.30
Fabricated structural metal products	433.33	413.83	421.87	42.4	41.3	41.4	10.22	10.02	10.19
Metal forgings and stampings	641.14	637.58	647.79	44.4	44.4	45.3	14.44	14.36	14.30
Machinery, except electrical	489.63	483.51	476.69	42.8	42.6	43.1	11.44	11.35	11.06
Construction and related machinery	399.60	404.61	410.82	40.0	40.3	41.0	9.99	10.04	10.02
Metalworking machinery	473.70	462.40	449.86	43.3	42.5	42.6	10.94	10.88	10.56
Special industry machinery	453.55	446.42	483.80	42.2	41.8	45.3	10.75	10.68	10.68
General industrial machinery	512.40	504.38	497.64	42.7	42.6	42.9	12.00	11.84	11.60
Office and computing machines	395.40	397.11	351.83	42.7	42.7	39.8	9.26	9.30	8.84
Refrigeration and service machinery	587.29	588.74	541.20	43.6	44.1	43.4	13.47	13.35	12.47
Electric and electronic equipment	461.32	460.06	438.48	41.9	41.9	41.8	11.01	10.98	10.49
Electrical industrial apparatus	449.77	445.26	414.10	41.0	40.7	41.0	10.97	10.94	10.10
Household appliances	468.22	470.50	471.54	41.0	41.6	43.5	11.42	11.31	10.84
Electric lighting and wiring equipment	454.30	458.02	414.28	41.3	41.6	40.3	11.00	11.01	10.28
Communication equipment	499.09	494.98	545.25	41.8	41.7	45.4	11.94	11.87	12.01
Transportation equipment	649.89	652.24	634.05	45.1	45.2	45.0	14.41	14.43	14.09
Motor vehicles and equipment	686.74	684.63	659.47	45.6	45.4	45.2	15.06	15.08	14.59
Aircraft and parts	563.05	573.82	583.34	44.3	44.9	44.7	12.71	12.78	13.05
Instruments and related products	351.45	351.74	351.02	39.4	39.3	41.2	8.92	8.95	8.52
Measuring and controlling devices	339.68	342.62	362.71	37.7	37.9	40.8	9.01	9.04	8.89
Nondurable Goods[f]	429.30	432.41	424.76	41.2	41.3	41.4	10.42	10.47	10.26
Food and kindred products	398.38	402.98	414.83	40.2	40.5	41.4	9.91	9.95	10.02
Meat products	363.31	347.88	375.58	40.1	39.0	41.5	9.06	8.92	9.05
Dairy products	437.81	435.74	432.58	42.3	42.1	43.0	10.35	10.35	10.06
Preserved fruits and vegetables	370.75	390.57	354.38	39.4	40.6	38.9	9.41	9.62	9.11
Bakery products	424.49	430.91	447.43	37.4	38.1	40.2	11.35	11.31	11.13
Beverages	390.78	388.39	398.82	39.0	38.8	41.2	10.02	10.01	9.68
Apparel and other textile products	275.59	267.51	252.28	37.7	37.0	37.1	7.31	7.23	6.80
Paper and allied products	438.63	484.74	451.19	43.3	44.8	43.3	10.13	10.82	10.42
Misc. converted paper products	433.29	450.24	420.48	43.9	44.8	43.8	9.87	10.05	9.60
Paperboard containers and boxes	402.53	409.92	374.74	41.8	42.7	40.6	9.63	9.60	9.23
Printing and publishing	410.22	400.62	390.02	38.7	38.3	38.2	10.60	10.46	10.21
Newspapers	332.33	325.38	320.08	33.3	33.0	33.1	9.98	9.86	9.67
Commercial printing	419.58	404.99	399.74	40.5	39.9	39.5	10.36	10.15	10.12
Chemicals and allied products	515.89	506.57	503.11	42.6	41.9	42.6	12.11	12.09	11.81
Industrial inorganic chemicals	536.49	542.10	551.68	41.3	41.7	43.1	12.99	13.00	12.80
Rubber and misc. plastics products	438.87	438.44	428.98	42.9	42.9	42.6	10.23	10.22	10.07
Tires and inner tubes	632.50	630.20	589.41	46.0	46.0	45.2	13.75	13.70	13.04
Miscellaneous plastics products	425.00	424.15	418.49	42.8	42.6	42.4	9.93	9.91	9.87

See footnotes on page 15

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MINING	$502.25	$513.30	$521.56	42.6	43.5	44.2	$11.79	$11.80	$11.80
Bituminous coal and lignite mining	610.69	623.08	653.83	41.6	42.3	43.3	14.68	14.73	15.10
CONSTRUCTION	581.36	572.14	598.30	37.8	37.2	38.7	15.38	15.38	15.46
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	521.16	515.36	498.54	40.4	40.2	40.4	12.90	12.82	12.34
Communication	507.28	503.23	486.38	39.6	39.5	39.9	12.81	12.74	12.19
Electric, gas, and sanitary services	540.33	529.72	516.24	41.5	41.0	41.2	13.02	12.92	12.53
WHOLESALE TRADE	358.80	356.96	339.21	39.0	38.8	38.9	9.20	9.20	8.72
Wholesale trade-durable goods	357.08	353.98	336.94	39.5	39.2	39.5	9.04	9.03	8.53
Wholesale trade-nondurable goods	362.14	361.38	342.47	38.2	38.0	37.8	9.48	9.51	9.06
RETAIL TRADE[h]	153.43	153.71	154.21	28.1	28.1	28.4	5.46	5.47	5.43
General merchandise stores	167.96	168.04	165.31	27.9	28.1	28.9	6.02	5.98	5.72
Department stores	171.80	172.25	169.07	27.8	28.1	28.9	6.18	6.13	5.85
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	245.30	245.31	230.48	....	....	....	.....	.....	.....
Credit agencies other then banks	235.75	237.82	222.92	....	....	....	.....	.....	.....
Insurance carriers	318.89	319.21	304.58	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	313.82	312.56	301.50	33.6	33.5	33.8	9.34	9.33	8.92

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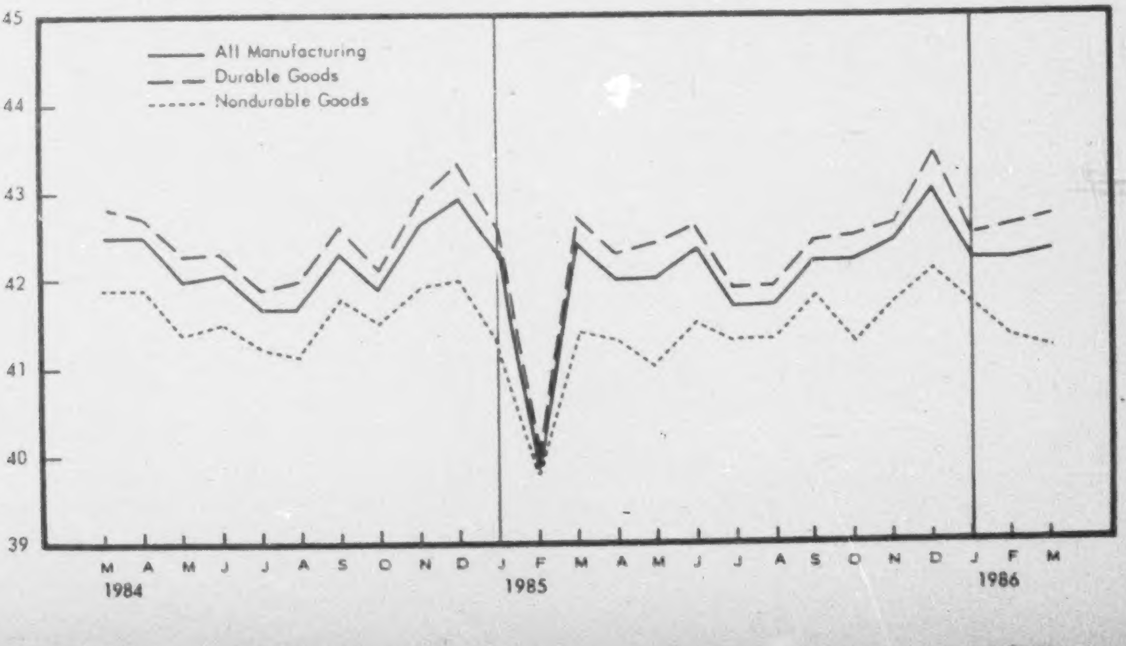
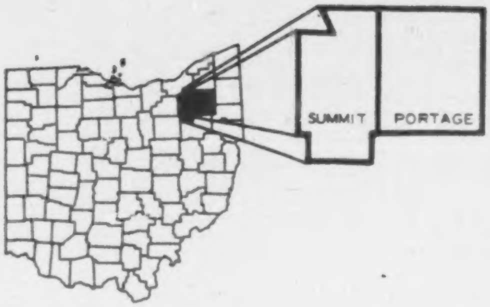
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] includes miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h] Money payments only; tips not included. [i] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



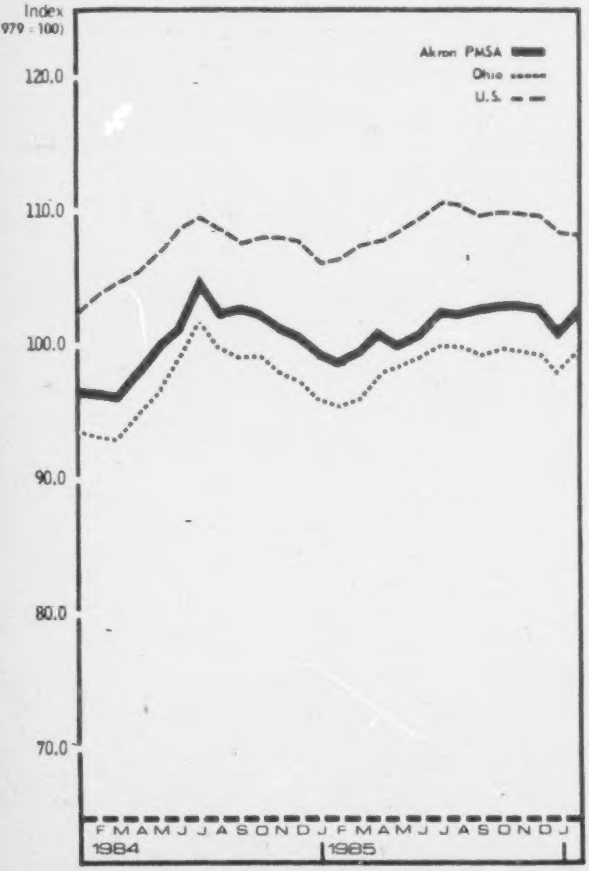
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



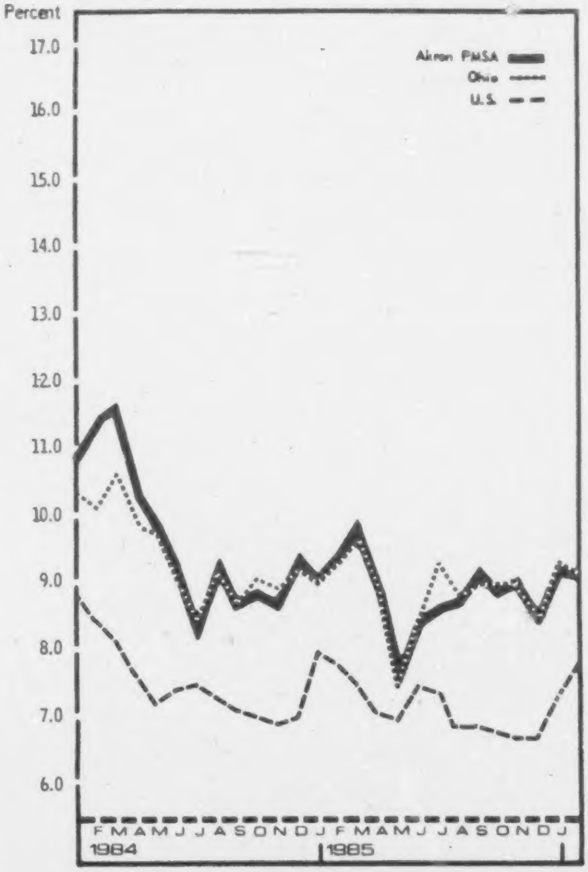
Nonagricultural wage and salary employment in Akron totaled 260,700 in March, up 2,200 from February. Employment in nonmanufacturing rose 2,100 over the month as important increases occurred in services and in retail trade. In manufacturing, slight advancements were recorded in fabricated metal products and rubber and plastics products. Manufacturing production workers worked 43.4 hours per week, up .3 hours from February. Their hourly earnings averaged $11.18, up $.05.

Nonagricultural employment rose 7,300 from March 1985. Employment was up in all nonmanufacturing divisions, particularly in services and in retail trade. Losses in tires and inner tubes, nonelectrical machinery, and fabricated metal products helped reduce manufacturing employment by 1,800 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



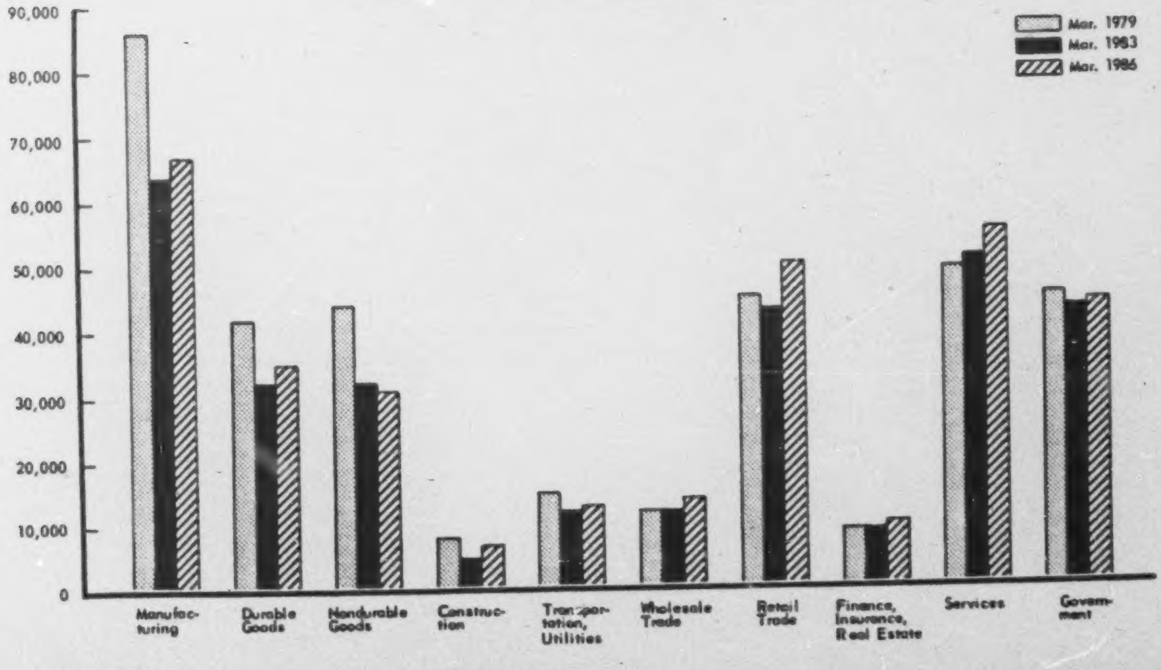
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
311.0	281.7	29.3	9.4	February	251.3	68.2	37.8	470.89	43.4	10.85
314.8	283.7	31.1	9.9	March	253.4	68.3	37.7	489.28	44.0	11.12
315.8	288.3	27.5	8.7	April	257.0	68.6	37.9	479.76	43.3	11.08
302.4	279.6	22.8	7.5	May	261.2	68.7	37.7	472.57	43.0	10.99
314.5	288.0	26.5	8.4	June	257.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
322.6	293.1	29.5	9.1	February	258.5	66.5	36.2	479.70	43.1	11.13
INA	INA	INA	INA	March	260.7	66.6	36.3	485.21	43.4	11.18

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	260.7	258.5	253.4	2.2	7.3
MANUFACTURING	66.6	66.5	68.3	.1	- 1.8
Durable Goods[e]	35.1	35.1	35.5	.0	- .4
Fabricated metal products	12.7	12.5	13.0	.2	- .3
Machinery, except electrical	9.2	9.3	9.7	- .1	- .6
Metalworking machinery	3.0	3.1	3.1	.0	- .1
Nondurable Goods[f]	31.4	31.4	32.9	.1	- 1.4
Food and kindred products	2.5	2.6	2.7	.0	- .1
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	21.2	21.1	22.4	.1	- 1.2
Tires and inner tubes	14.3	14.4	15.8	.0	- 1.4
NONMANUFACTURING[g]	194.1	192.0	185.0	2.1	9.1
CONSTRUCTION	7.1	6.8	6.4	.3	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.9	12.8	.1	.2
Communication, electric, gas services	5.2	5.3	5.2	.0	.0
WHOLESALE TRADE	13.9	13.7	13.1	.1	.7
RETAIL TRADE	50.0	49.3	47.6	.7	2.4
General merchandise stores	6.5	6.4	6.5	.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	9.9	9.9	9.3	.0	.6
Banking	3.2	3.2	3.0	.0	.2
SERVICES	55.3	54.8	51.9	.5	3.4
Business services	11.0	10.9	9.9	.1	1.1
Amusement and recreation services	2.6	2.5	2.0	.0	.6
Health services	17.0	17.1	17.5	- .1	- .5
GOVERNMENT	44.3	43.9	43.0	.4	1.2
State government	15.6	15.3	15.1	.3	.4
State government education[h]	12.7	12.4	12.2	.3	.4
State government, except education	2.9	2.9	2.9	.0	.0
Local government	26.4	26.3	25.8	.1	.6
Local government education	14.6	14.6	14.2	.0	.4
Local government, except education	11.8	11.7	11.6	.1	.2

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$485.21	$479.70	$489.28	43.4	43.1	44.0	$11.18	$11.13	$11.12
Durable Goods[e]	502.22	492.42	517.89	43.9	43.5	44.8	11.44	11.32	11.56
Fabricated metal products	624.26	620.13	659.39	45.5	45.8	46.6	13.72	13.54	14.15
Machinery, except electrical	439.76	418.07	431.49	44.6	43.1	44.9	9.86	9.70	9.61
Metalworking machinery	473.58	438.14	425.04	47.5	44.8	44.0	9.97	9.78	9.66
Nondurable Goods[f]	457.30	460.93	446.59	42.5	42.6	42.9	10.76	10.82	10.41
Food and kindred products	436.00	422.26	448.38	39.6	39.5	42.3	11.01	10.69	10.60
Chemicals and allied products	449.19	450.58	442.39	41.4	41.3	41.0	10.85	10.91	10.79
Rubber and misc. plastics products	498.18	489.51	476.33	44.8	44.1	44.6	11.12	11.10	10.68
Tires and inner tubes	711.95	710.97	641.86	49.1	49.1	47.3	14.50	14.48	13.57
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.12	522.00	506.66	40.3	40.0	40.5	13.08	13.05	12.51
WHOLESALE TRADE	324.86	321.10	321.39	38.4	38.0	37.9	8.46	8.45	8.48
RETAIL TRADE[h]	178.06	175.03	179.40	29.0	28.6	30.0	6.14	6.12	5.98

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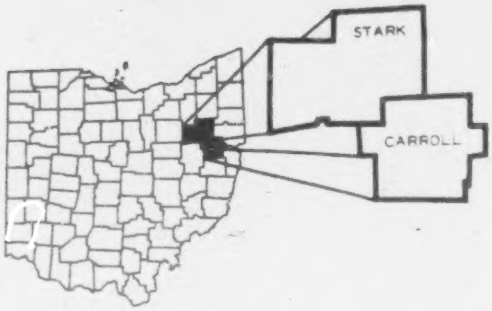
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	2,996	2,522	3,066
Active File of Job Seekers	26,917	26,924	37,269
Referrals to Jobs	1,175	1,240	1,411
Placements	241	170	282
Job Openings Received	752	400	1,248
Job Openings Unfilled	892	591	1,849
Unemployment Insurance Program			
Initial Claims	3,155	3,894	3,218
Continued Claims	40,242	40,982	38,378
First Payments	1,758	2,285	1,823
Last Payments	497	420	537
Weeks Compensated	33,888	34,877	35,853
Benefits Paid	$5,024,887	$5,212,876	$5,183,853
Average Weekly Payment	$151.53	$152.77	$147.75

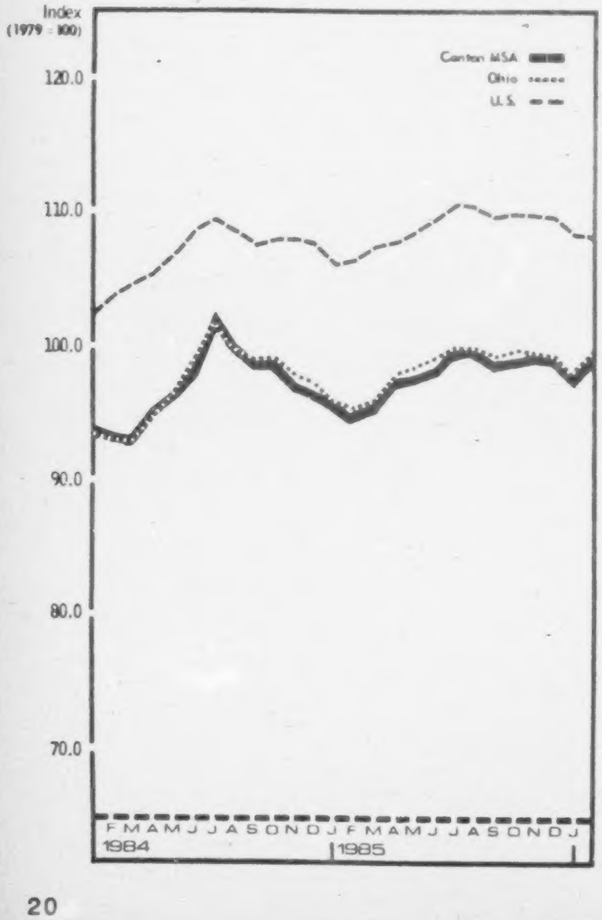
CANTON
METROPOLITAN STATISTICAL AREA



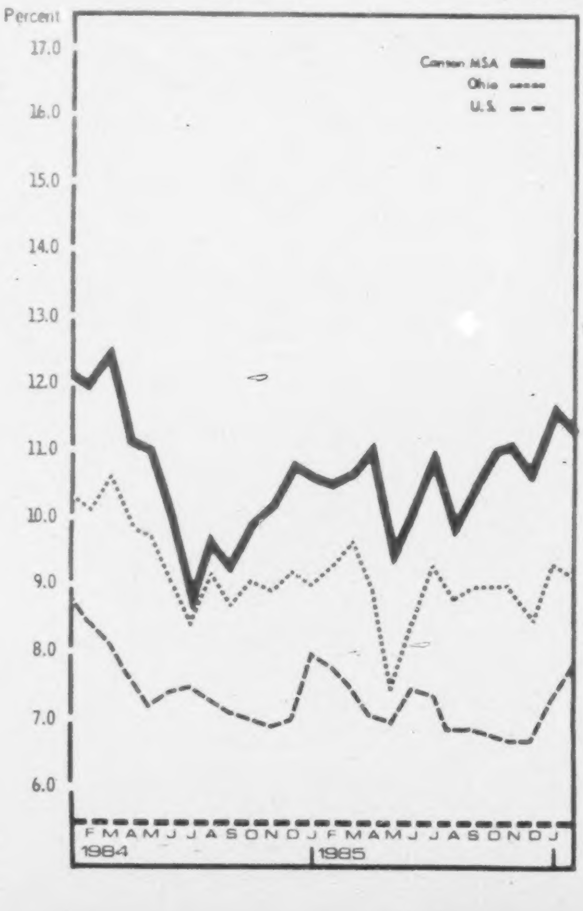
Nonfarm wage and salary employment in the Canton area totaled 153,700 in March 1986, an increase of 1,000 from February. Gains in nonmanufacturing employment accounted for the advancement, reflecting continued growth in retail trade and services, and a seasonal increase in construction. Manufacturing remained unchanged at 46,100. Production workers put in a 40.3 hour workweek, dropping .1 hours from February. Their average hourly earnings were $11.17, up $.04.

Nonagricultural employment rose 5,200 from March 1985 to March 1986. Retail trade and services were the primary sectors of growth. Manufacturing employment declined 100 from March 1985. Gains in food and kindred products and primary metals were offset by losses in fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



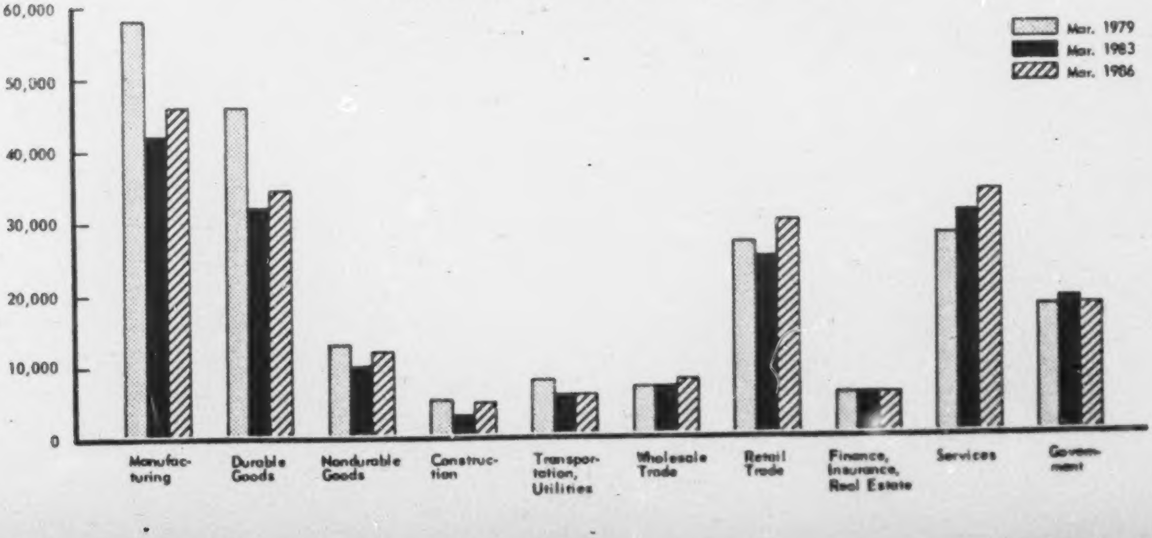
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.6	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
183.1	163.8	19.3	10.5	February	146.9	45.9	33.8	430.16	39.5	10.89
185.2	165.3	19.9	10.7	March	148.4	46.2	34.1	435.60	40.0	10.89
190.0	168.9	21.0	11.1	April	151.4	46.5	34.3	427.10	39.4	10.84
187.1	169.5	17.6	9.4	May	152.9	46.5	34.3	435.31	39.9	10.91
189.4	170.3	19.1	10.1	June	153.3	46.7	34.3	434.72	39.7	10.95
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.4	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.0	172.1	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
INA	INA	INA	INA	March	153.7	46.1	33.0	450.15	40.3	11.17

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	153.7	152.7	148.4	1.0	5.2
MANUFACTURING	46.1	46.1	46.2	.0	- .1
Durable Goods[e]	34.5	34.4	34.9	.0	- .4
Primary metal industries	11.2	11.1	11.0	.2	.2
Fabricated metal products	7.0	7.0	7.4	.0	- .4
Metal forgings and stampings	2.5	2.5	2.9	.0	- .4
Nondurable Goods[f]	11.7	11.7	11.3	.0	.3
Food and kindred products	4.2	4.2	3.9	.0	.3
Rubber and misc. plastics products	2.8	2.8	2.8	.0	.0
NONMANUFACTURING[g]	107.6	106.6	102.2	1.0	5.4
CONSTRUCTION	4.7	4.4	4.4	.2	.3
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.9	.0	- .1
Communication, electric, gas services	2.7	2.7	2.8	.0	.0
WHOLESALE TRADE	7.7	7.6	7.7	.1	.0
Wholesale trade-durable goods	4.3	4.2	4.4	.0	- .1
RETAIL TRADE	30.1	29.7	27.3	.4	2.8
General merchandise stores	3.7	3.7	3.5	.0	.2
Food stores	5.2	5.2	4.7	.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	6.2	6.1	6.0	.0	.2
Banking	1.8	1.8	1.7	.0	.0
SERVICES	34.0	33.6	31.6	.3	2.4
Health services	13.8	13.9	13.6	.0	.2
GOVERNMENT	17.8	17.9	18.1	.0	- .2
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.8	14.9	15.2	.0	- .4
Local government education	8.7	8.7	9.0	.0	- .3
Local government, except education	6.1	6.2	6.2	.0	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

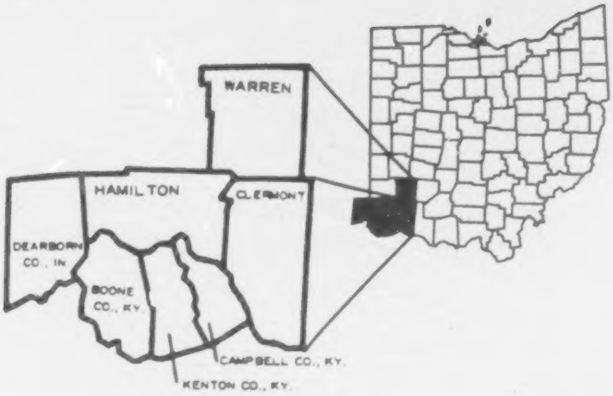
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$450.15	$449.65	$435.60	40.3	40.4	40.0	$11.17	$11.13	$10.89
Durable Goods[e]	471.31	470.83	448.80	40.7	40.8	40.0	11.58	11.54	11.22
Primary metal industries	470.87	476.14	465.50	37.7	38.0	38.0	12.49	12.53	12.25
Fabricated metal products	545.24	534.70	510.43	43.9	43.9	42.5	12.42	12.18	12.01
Metal forgings and stampings	701.63	679.36	636.34	44.1	44.0	43.2	15.91	15.44	14.73
Nondurable Goods[f]	383.18	384.75	394.94	39.1	39.3	40.3	9.80	9.79	9.80
Food and kindred products	399.75	391.04	406.53	39.0	38.3	39.7	10.25	10.21	10.24
Rubber and misc. plastics products	448.16	456.82	456.23	42.2	43.3	43.7	10.62	10.55	10.44
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	500.75	514.45	486.34	39.9	40.7	40.8	12.55	12.64	11.92
WHOLESALE TRADE	338.67	343.76	328.04	35.5	36.3	36.9	9.54	9.47	8.89
RETAIL TRADE[h]	155.01	154.19	157.79	28.6	28.5	28.9	5.42	5.41	5.46

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	1,504	1,790	1,888
Active File of Job Seekers	20,687	21,259	26,316
Referrals to Jobs	814	1,279	938
Placements	242	257	292
Job Openings Received	364	517	441
Job Openings Unfilled	288	328	256
Unemployment Insurance Program			
Initial Claims	3,197	3,273	2,492
Continued Claims	32,836	32,698	27,246
First Payments	1,613	1,744	1,259
Last Payments	453	319	373
Weeks Compensated	28,207	27,438	26,054
Benefits Paid	$4,209,633	$4,080,062	$3,704,592
Average Weekly Payment	$152.81	$152.29	$145.47

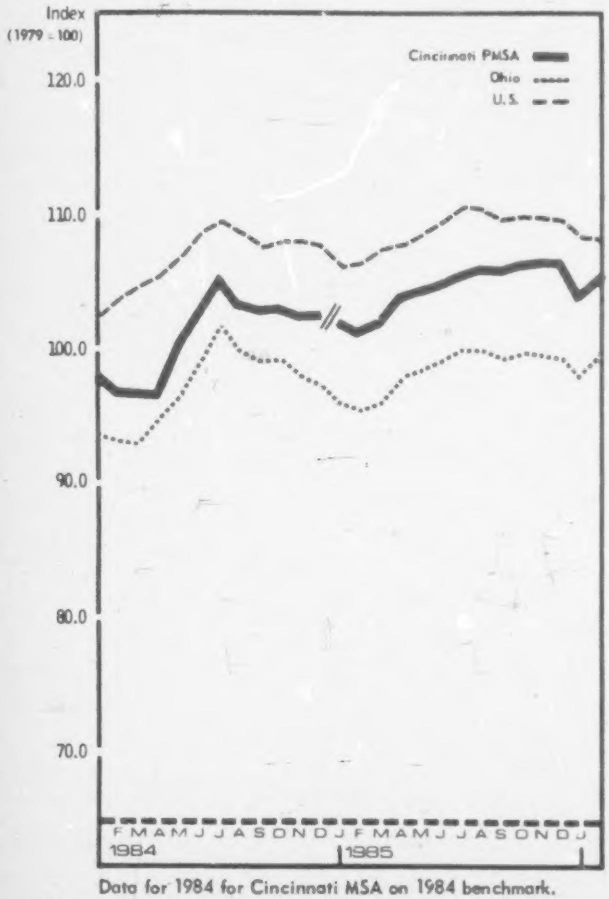
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in Cincinnati increased 4,900 in March, to 638,400. Nonmanufacturing increased 5,600, with significant increases in services, retail trade, and construction. Manufacturing employment was down 800, with reductions in durable goods, especially in motor vehicles and equipment. Production workers in manufacturing earned an average of $10.74 per hour, down $.04. They worked an average of 42.0 hours per week, up .7 hours from February.

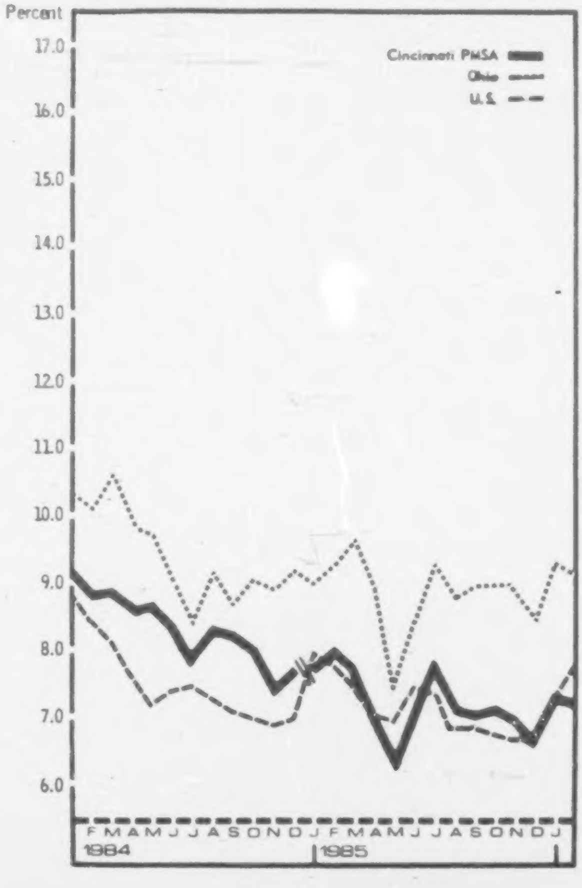
Nonagricultural employment rose 25,700 from March 1985. Employment was up in nearly all nonmanufacturing industries, with significant gains in services and retail trade. Manufacturing registered a more modest gain, with increases in transportation equipment and in chemicals and allied products.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



Data for 1984 for Cincinnati MSA on 1984 benchmark.

UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



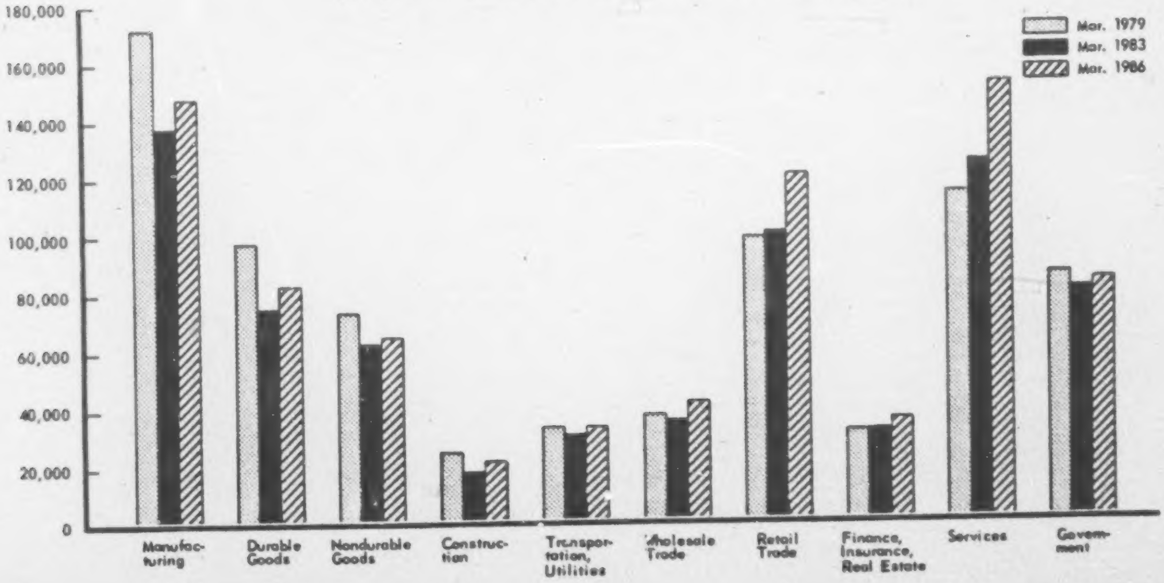
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
INA	INA	INA	INA	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.2	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
692.1	636.7	55.3	8.0	February	605.7	144.3	95.4	420.51	38.9	10.81
695.6	642.0	53.6	7.7	March	612.7	145.2	96.1	449.53	41.7	10.78
702.2	653.1	49.1	7.0	April	624.1	146.3	96.8	440.43	41.2	10.69
700.7	656.4	44.3	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
708.7	658.2	50.6	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
714.9	663.3	51.6	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
INA	INA	INA	INA	March	638.4	147.5	95.3	451.08	42.0	10.74

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	638.4	633.5	612.7	4.9	25.7
MANUFACTURING	147.5	148.3	145.2	- .8	2.3
Durable Goods[e]	82.7	83.7	82.2	- 1.0	.5
Fabricated metal products	10.8	10.9	11.0	- .1	- .2
Fabricated structural metal products	3.8	3.9	4.1	.0	- .3
Machinery, except electrical	21.2	21.3	21.6	- .1	- .4
Metalworking machinery	9.3	9.4	9.7	- .1	- .4
General industrial machinery	2.9	3.0	3.0	.0	- .1
Electric and electronic equipment	7.8	7.9	8.1	.0	- .3
Transportation equipment	28.1	29.1	27.1	- 1.0	1.0
Motor vehicles and equipment	8.8	9.9	10.2	- 1.1	- 1.4
Nondurable Goods[f]	64.8	64.6	63.0	.3	1.8
Food and kindred products	12.8	12.6	12.4	.2	.4
Beverages	4.0	4.0	4.0	.0	.1
Apparel and other textile products	3.5	3.5	3.6	.0	.0
Paper and allied products	6.1	6.0	6.0	.1	.1
Printing and publishing	12.4	12.5	12.2	.0	.2
Commercial printing	5.5	5.5	5.3	.0	.2
Chemicals and allied products	21.8	21.8	20.7	.0	1.0
Rubber and misc. plastics products	5.3	5.2	5.4	.1	.0
NONMANUFACTURING[g]	490.9	485.3	467.5	5.6	23.4
CONSTRUCTION	21.5	20.4	20.9	1.2	.7
TRANSPORTATION AND PUBLIC UTILITIES	33.5	33.3	33.3	.2	.2
Trucking and warehousing	9.8	9.7	9.5	.1	.3
Communication, electric, gas services	14.6	14.7	14.7	- .1	- .1
WHOLESALE TRADE	41.9	41.7	40.4	.1	1.5
Wholesale trade-durable goods	24.7	24.7	24.0	.1	.7
RETAIL TRADE	120.9	119.5	114.6	1.4	6.4
General merchandise stores	19.6	19.3	19.0	.3	.5
FINANCE, INSURANCE, AND REAL ESTATE	36.3	36.1	34.5	.2	1.8
Banking	8.0	8.0	7.5	.0	.5
Insurance carriers	11.7	11.7	11.2	.0	.5
SERVICES	151.9	149.9	141.9	2.0	10.0
Hotels and other lodging places	6.2	6.0	5.7	.2	.5
Personal services	7.9	7.8	7.4	.1	.5
Business services	35.6	34.9	31.0	.7	4.5
Amusement and recreation services	5.7	5.3	5.5	.4	.2
Health services	46.7	46.7	46.1	- .1	.5
GOVERNMENT	84.4	83.9	81.6	.5	2.9
Federal government	13.1	13.1	13.2	.0	- .1
State government	19.6	19.5	18.7	.1	.9
State government education'	12.0	11.9	11.4	.1	.6
State government, except education	7.6	7.6	7.3	.0	.3
Local government	51.7	51.3	49.7	.5	2.1
Local government education	30.0	29.8	28.6	.2	1.4
Local government, except education	21.7	21.4	21.0	.3	.7

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$451.08	$445.21	$449.53	42.0	41.3	41.7	$10.74	$10.78	$10.78
Durable Goods[e]	450.47	452.86	442.81	42.1	41.7	41.5	10.70	10.86	10.67
Fabricated metal products	394.99	366.43	384.17	42.2	39.7	41.0	9.36	9.23	9.37
Fabricated structural metal products	435.71	362.67	404.07	44.1	37.7	41.7	9.88	9.62	9.69
Machinery, except electrical	426.00	410.18	402.11	42.9	41.6	41.2	9.93	9.86	9.76
Metalworking machinery	476.52	455.80	453.88	44.0	42.4	42.3	10.83	10.75	10.73
General industrial machinery	406.08	361.60	366.12	43.9	40.0	40.5	9.25	9.04	9.04
Electric and electronic equipment	362.78	355.41	353.28	40.9	39.8	40.7	8.87	8.93	8.68
Transportation equipment	622.50	647.92	621.79	43.9	45.5	43.3	14.18	14.24	14.36
Motor vehicles and equipment	679.10	702.07	665.34	43.7	45.5	43.6	15.54	15.43	15.26
Nondurable Goods[f]	451.02	436.15	456.71	41.8	40.8	41.9	10.79	10.69	10.90
Food and kindred products	446.96	438.62	508.69	41.5	40.5	43.0	10.77	10.83	11.83
Beverages	485.20	487.63	471.99	40.4	40.4	40.9	12.01	12.07	11.54
Apparel and other textile products	221.69	203.13	216.16	39.8	36.6	36.7	5.57	5.55	5.89
Paper and allied products	394.54	401.86	383.98	40.8	41.6	41.2	9.67	9.66	9.32
Printing and publishing	452.47	429.32	443.41	39.9	39.1	40.2	11.34	10.98	11.03
Commercial printing	523.74	481.20	485.89	43.5	42.1	41.6	12.04	11.43	11.68
Chemicals and allied products	548.10	528.75	553.82	43.5	42.3	43.2	12.60	12.50	12.82
Rubber and misc. plastics products	411.31	391.61	363.10	45.6	44.3	43.8	9.02	8.84	8.29
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	520.99	499.59	484.96	40.2	39.0	39.3	12.96	12.81	12.34
WHOLESALE TRADE	378.14	373.73	366.33	40.4	40.1	40.3	9.36	9.32	9.09
RETAIL TRADE[h]	158.37	155.35	160.97	28.9	28.4	29.7	5.48	5.47	5.42
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	251.02	247.29	235.69	....	....	....	.....	.....	.....

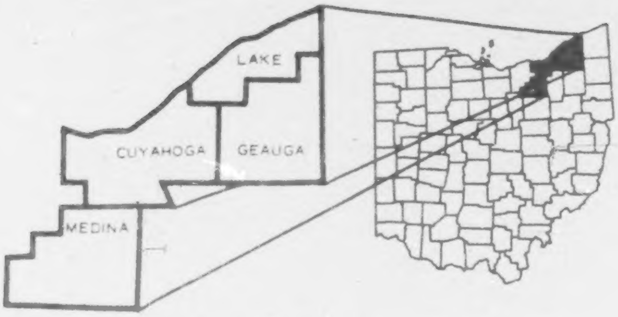
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	4,558	3,875	4,664
Active File of Job Seekers	31,011	30,872	39,936
Referrals to Jobs	2,440	1,724	1,685
Placements	674	457	359
Job Openings Received	1,438	816	1,470
Job Openings Unfilled	1,749	1,437	2,407
Unemployment Insurance Program			
Initial Claims	5,452	5,242	5,202
Continued Claims	53,033	53,909	56,083
First Payments	2,934	3,091	2,966
Last Payments	772	630	1,028
Weeks Compensated	45,769	45,938	54,253
Benefits Paid	$6,558,019	$6,547,562	$7,602,590
Average Weekly Payment	$145.63	$144.77	$142.91

[a] Ohio data only

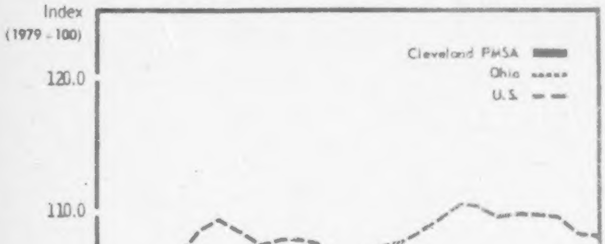
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



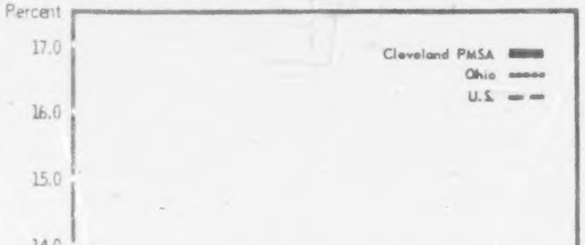
March 1986 nonagricultural wage and salary employment in the Cleveland area, at 871,600, increased 6,500 from February. Employment in nonmanufacturing increased 6,400, as growth was noted in all industries. Seasonal gains in construction, retail trade, and services accounted for 82.8 percent of the change. Manufacturing employment rose by 100 as increases in fabricated metals and primary metal industries slightly offset losses in nonelectrical machinery, metalworking machinery, and transportation equipment. Production workers had an average workweek of 42.3 hours in March, up .4 hours from February. Their average hourly earnings were $11.51 per hour, up $.12.

Nonagricultural employment rose 20,200 between March 1985 and March 1986. Services, especially business services, and retail trade registered significant increases, although gains were recorded in all nonmanufacturing divisions. Manufacturing employment declined 7,000 over the year as losses were reported in all durable-goods industries. The greatest declines occurred in metalworking machinery, construction and related machinery, and motor vehicles and equipment. Losses were also recorded in blast furnace and basic steel products and metal forgings and stampings.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



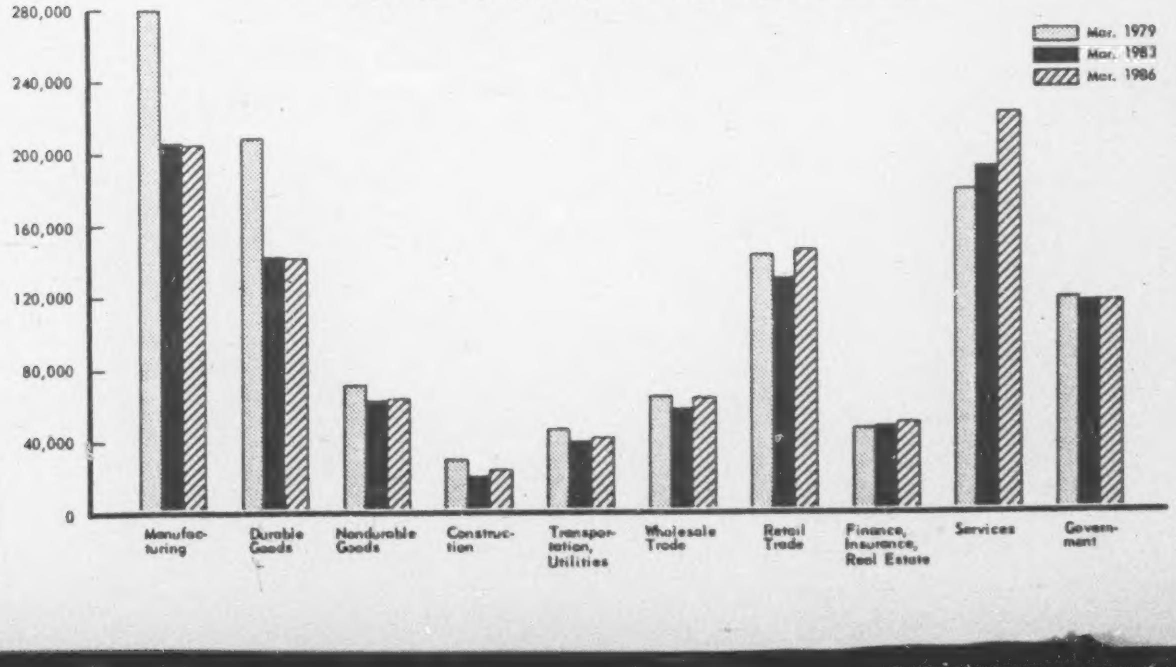
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
897.4	823.6	73.8	8.2	February	845.2	212.1	136.4	461.90	41.5	11.13
908.2	828.3	79.9	8.8	March	851.4	212.3	136.2	468.00	42.2	11.09
915.8	839.0	76.8	8.4	April	861.6	211.3	135.0	464.82	41.6	11.12
908.9	842.7	66.1	7.3	May	870.6	212.0	135.6	469.14	42.0	11.17
926.3	849.3	77.1	8.3	June	876.8	212.3	136.0	472.22	42.2	11.19
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
913.1	837.5	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
INA	INA	INA	INA	March	871.6	205.3	132.3	486.87	42.3	11.51

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	871.6	865.1	851.4	6.5	20.2
MANUFACTURING	205.3	205.3	212.3	.1	-7.0
Durable Goods[e]	141.5	141.5	147.7	.0	-6.2
Primary metal industries	22.3	22.2	23.1	.1	-.9
Blast furnace and basic steel products	10.4	10.4	11.0	.0	-.5
Iron and steel foundries	5.5	5.6	5.5	.0	.1
Fabricated metal products	32.5	32.3	33.2	.2	-.7
Fabricated structural metal products	3.7	3.8	3.5	.0	.3
Screw machine products, bolts, etc	4.7	4.7	4.8	.0	-.1
Metal forgings and stampings	10.9	10.7	11.4	.2	-.5
Machinery, except electrical	30.8	30.9	33.7	-.1	-2.9
Construction and related machinery	3.0	3.0	4.0	.0	-1.0
Metalworking machinery	9.3[j]	9.3[j]	10.8	-.1	-1.5
Special industry machinery	3.4	3.4	3.7	.1	-.3
General industrial machinery	3.1	3.0	3.0	.0	.0
Electric and electronic equipment	19.2	19.2	20.0	.0	-.8
Electrical industrial apparatus	6.9	6.9	7.1	.0	-.2
Transportation equipment	19.6	19.7	20.2	-.1	-.5
Motor vehicles and equipment	12.5	12.6	13.2	-.1	-.6
Instruments and related products	7.7	7.7	7.8	.0	-.1
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods'	63.9	63.8	64.6	.1	-.7
Food and kindred products	7.1	7.0	6.8	.1	.3
Apparel and other textile products	4.7	4.8	4.9	-.1	-.2
Paper and allied products	5.2	5.2	5.4	.0	-.2
Printing and publishing	15.6	15.5	15.9	.1	-.3
Chemicals and allied products	13.6	13.7	14.2	-.1	-.5
Rubber and misc. plastics products	11.8	11.8	11.6	.0	.2
NONMANUFACTURING[g]	666.2	659.8	639.1	6.4	27.1
CONSTRUCTION	24.8	23.8	24.0	1.0	.8
TRANSPORTATION AND PUBLIC UTILITIES	41.5	41.2	40.1	.3	1.3
Trucking and warehousing	11.6	11.5	11.0	.1	.6
Communication, electric, gas services	18.6	18.6	18.1	.0	.4
WHOLESALE TRADE	63.8	63.5	62.1	.2	1.7
Wholesale trade-durable goods	44.4	44.2	43.2	.2	1.2
RETAIL TRADE	146.0	144.6	140.8	1.4	5.2
General merchandise stores	19.6	19.6	19.8	-.1	-.2
FINANCE, INSURANCE, AND REAL ESTATE	50.0	50.0	48.7	.1	1.4
Banking	13.0	13.0	12.7	.0	.4
Credit agencies other than banks	8.0	8.0	8.0	.0	.1
Insurance carriers	11.5	11.5	11.2	.0	.3
SERVICES	222.2	219.3	206.8	2.9	15.4
Business services	48.8	47.4	42.6	1.4	6.3
Amusement and recreation services	6.7	6.1	6.9	.6	-.2
Health services	68.3	68.2	65.7	.0	2.6
GOVERNMENT	117.0	116.3	115.5	.8	1.5
Federal government	20.0	19.9	19.4	.1	.6
State government	8.1	8.0	8.1	.1	.0
State government education'	3.2	3.1	3.1	.1	.1
State government, except education	4.9	5.0	4.9	.0	.0
Local government	88.9	88.4	88.0	.5	.9
Local government education	44.9	44.6	44.4	.3	.5
Local government, except education	44.0	43.8	43.6	.2	.4

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$486.87	$477.24	$468.00	42.3	41.9	42.2	$11.51	$11.39	$11.09
Durable Goods[e]	522.52	511.28	497.46	42.9	42.5	42.7	12.18	12.03	11.65
Primary metal industries	584.65	581.65	529.18	42.8	42.8	40.8	13.66	13.59	12.97
Blast furnace and basic steel products	513.50	514.88	496.92	37.4	37.5	36.7	13.73	13.73	13.54
Iron and steel foundries	842.36	816.41	701.55	50.2	49.3	45.0	16.78	16.56	15.59
Fabricated metal products	495.33	486.78	486.60	42.3	42.0	43.1	11.71	11.59	11.29
Fabricated structural metal products	370.75	369.20	376.16	39.4	40.0	42.6	9.41	9.23	8.83
Screw machine products, bolts, etc.	443.76	428.83	408.07	43.0	42.5	42.2	10.32	10.09	9.67
Metal forgings and stampings	646.25	641.58	631.48	44.6	44.4	45.3	14.49	14.45	13.94
Machinery, except electrical	480.22	466.40	480.71	42.8	42.4	43.9	11.22	11.00	10.95
Construction and related machinery	398.77	427.93	432.22	41.8	43.8	41.6	9.54	9.77	10.39
Metalworking machinery	408.83	397.77	410.82	40.2	39.5	41.0	10.17	10.07	10.02
Special industry machinery	468.44	512.74	521.26	41.2	43.6	44.4	11.37	11.76	11.74
General industrial machinery	450.50	454.94	433.83	42.5	43.0	42.7	10.60	10.58	10.16
Electric and electronic equipment	426.54	424.04	412.90	40.7	40.5	40.8	10.48	10.47	10.12
Electrical industrial apparatus	451.77	458.79	416.34	40.7	41.0	40.5	11.10	11.19	10.28
Transportation equipment	724.85	691.04	657.69	47.5	46.1	45.8	15.26	14.99	14.36
Motor vehicles and equipment	767.02	727.00	703.55	47.7	46.1	46.5	16.08	15.77	15.13
Instruments and related products	413.25	409.86	405.29	41.7	41.4	43.3	9.91	9.90	9.36
Measuring and controlling devices	390.31	390.05	422.06	40.7	40.8	44.9	9.59	9.56	9.40
Nondurable Goods[f]	398.62	392.69	391.00	40.8	40.4	40.9	9.77	9.72	9.56
Food and kindred products	361.00	372.28	394.37	40.2	41.0	41.6	8.98	9.08	9.48
Apparel and other textile products	286.15	286.86	276.74	37.8	37.4	37.6	7.57	7.67	7.36
Paper and allied products	439.50	440.91	436.33	42.3	42.6	43.1	10.39	10.35	10.17
Printing and publishing	415.74	393.45	377.48	39.0	37.4	37.3	10.66	10.52	10.12
Chemicals and allied products	481.81	476.86	487.63	42.6	42.2	42.7	11.31	11.30	11.42
Rubber and misc. plastics products	365.90	368.92	367.20	42.3	42.6	43.2	8.65	8.66	8.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	539.17	538.76	515.57	40.6	40.6	40.5	13.28	13.27	12.73
WHOLESALE TRADE	381.57	378.49	359.60	39.5	39.1	39.3	9.66	9.68	9.15
RETAIL TRADE[h]	172.50	173.05	172.71	27.6	27.6	28.5	6.25	6.27	6.06
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	283.79	284.46	258.99	....	....	....	.....	.....	.....

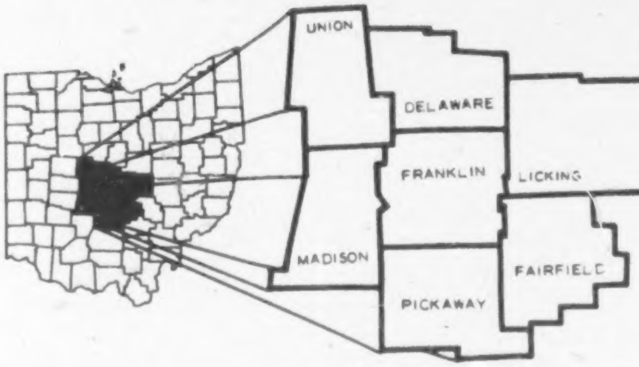
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	6,496	6,972	10,315
Active File of Job Seekers	122,794	121,328	126,789
Referrals to Jobs	1,705	2,143	2,475
Placements	369	362	448
Job Openings Received	1,005	970*	1,566
Job Openings Unfilled	1,878	1,752	2,600
Unemployment Insurance Program			
Initial Claims	7,776	8,596	8,797
Continued Claims	98,304	100,349	105,589
First Payments	4,337	5,512	4,819
Last Payments	1,531	1,387	1,408
Weeks Compensated	85,130	86,011	91,910
Benefits Paid	$12,914,826	$13,065,553	$13,546,740
Average Weekly Payment	$154.17	$154.28	$149.70

* Revised

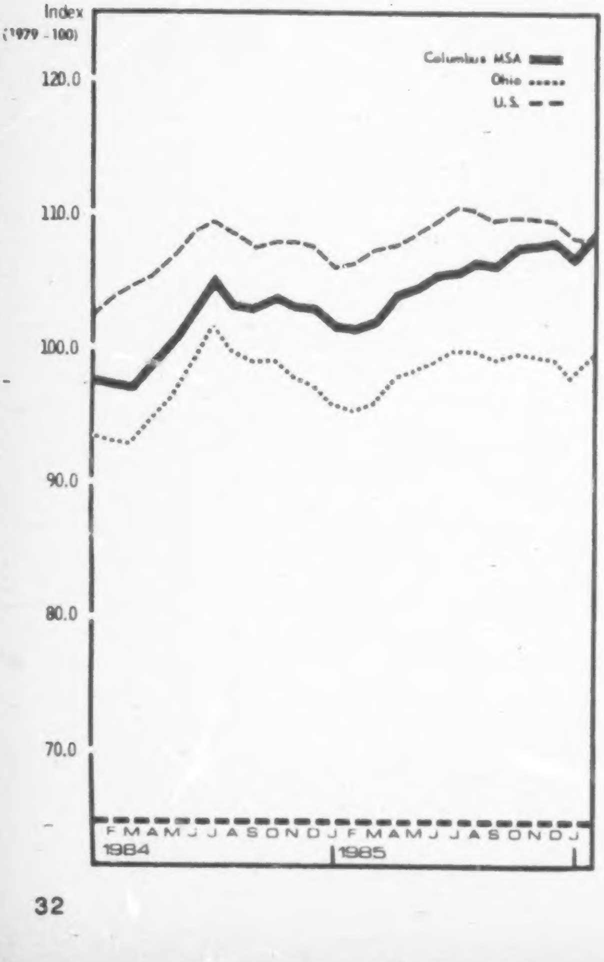
COLUMBUS
METROPOLITAN STATISTICAL AREA



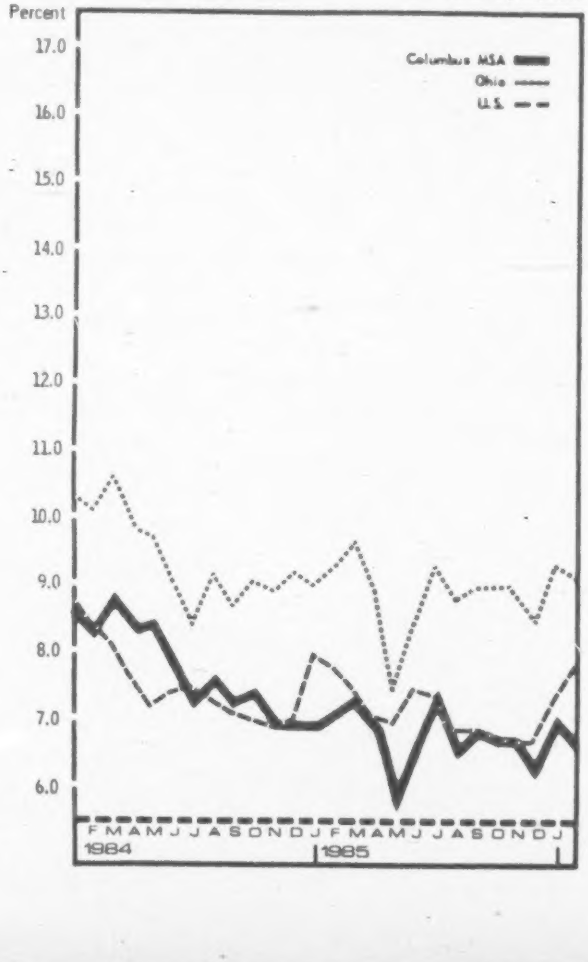
Nonfarm wage and salary employment in Columbus totaled 624,900 in March, up 5,600 from February. Nonmanufacturing advanced 6,300 over the month, with increases in retail trade, services, and construction. Manufacturing employment, at 105,600, was 700 below the level for February, with declines in nonelectrical machinery, fabricated metal products, and stone, clay, and glass products. Production workers in manufacturing worked an average of 41.1 hours per week in March, up .1 hours from February. They earned $11.13 per hour, up $.07.

Nonagricultural employment rose 35,400 from March 1985. The over-the-year improvement occurred in services and retail trade, although nearly all nonmanufacturing areas contributed to the increase. Manufacturing had a slight employment gain, with a significant increase in transportation equipment offset by declines in several other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



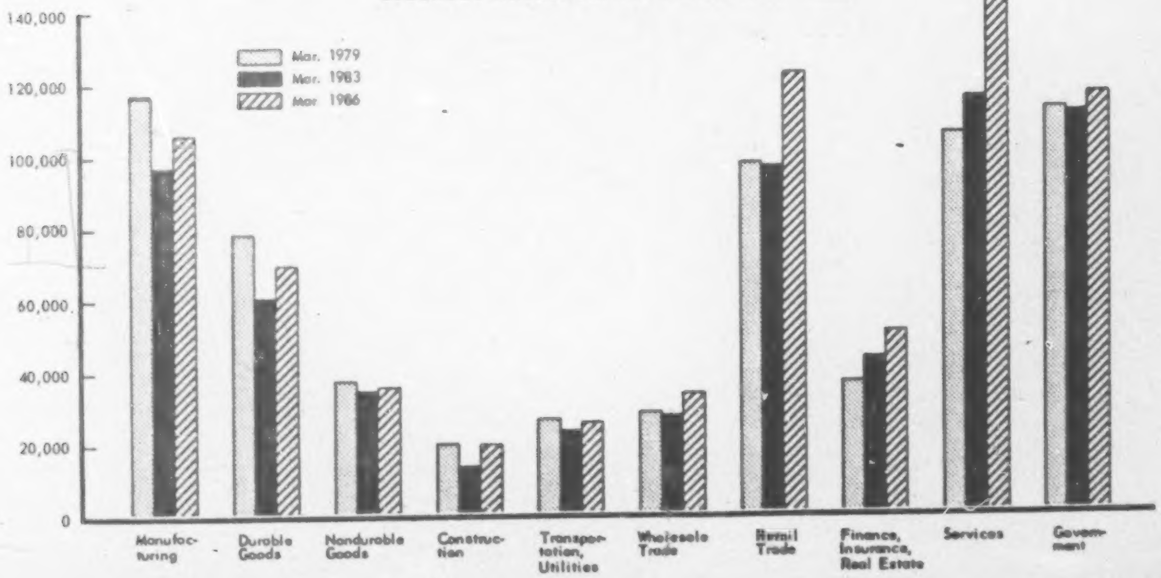
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
629.4	584.7	44.7	7.1	February	584.1	105.4	70.7	409.32	37.9	10.80
636.6	589.9	46.7	7.3	March	589.5	105.2	70.3	452.45	41.7	10.85
644.3	600.5	43.8	6.8	April	599.1	105.2	70.3	441.72	40.9	10.80
640.8	604.3	36.5	5.7	May	606.3	105.7	70.8	433.76	40.5	10.71
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.5	615.3	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.8	627.3	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
INA	INA	INA	INA	March	624.9	105.6	70.3	457.44	41.1	11.13

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	624.9	619.3	589.5	5.6	35.4
MANUFACTURING	105.6	106.3	105.2	-.7	.4
Durable Goods[e]	70.0	70.6	69.9	-.6	.1
Stone, clay, and glass products	11.4	11.6	11.8	-.2	-.4
Glass and glassware, pressed or blown	4.5	4.5	4.9	.0	-.4
Fabricated metal products	10.0	10.2	10.8	-.2	-.8
Fabricated structural metal products	3.0	3.0	3.1	.0	-.1
Machinery, except electrical	10.0	10.1	10.8	-.2	-.8
Electric and electronic equipment	10.8	10.8	12.0	.0	-1.2
Transportation equipment	16.3	16.4	13.2	.0	3.1
Instruments and related products	4.4	4.4	4.2	.0	.2
Nondurable Goods[f]	35.6	35.7	35.3	-.1	.3
Food and kindred products	9.5	9.6	9.8	-.1	-.3
Printing and publishing	9.7	9.7	9.2	.0	.4
Chemicals and allied products	6.8	6.8	6.9	.0	.0
Rubber and misc. plastics products	5.2	5.2	5.0	.0	.2
NONMANUFACTURING[g]	519.3	513.0	484.3	6.3	35.0
CONSTRUCTION	20.4	19.3	18.6	1.2	1.9
TRANSPORTATION AND PUBLIC UTILITIES	25.8	25.8	25.8	.1	.1
Trucking and warehousing	10.9	10.8	10.5	.1	.4
Communication, electric, gas services	11.1	11.0	11.4	.0	-.4
WHOLESALE TRADE	34.4	34.1	32.7	.2	1.7
Wholesale trade-durable goods	23.1	22.9	21.7	.2	1.4
RETAIL TRADE	123.1	120.8	112.5	2.2	10.6
General merchandise stores	15.3	14.3	15.5	1.0	-.2
FINANCE, INSURANCE, AND REAL ESTATE	50.8	50.5	48.1	.3	2.7
Banking	11.1	11.0	10.2	.1	.9
Insurance carriers	20.1	20.0	19.1	.1	.9
SERVICES	146.5	144.9	131.6	1.6	14.9
Business services	33.4	32.7	28.5	.7	4.9
Health services	36.8	36.7	35.1	.1	1.7
GOVERNMENT	117.4	116.7	114.2	.7	3.2
Federal government	15.6	15.5	14.9	.1	.7
State government	52.1	51.6	50.6	.5	1.5
State government education[i]	23.0	22.8	22.3	.2	.7
State government, except education	29.1	28.8	28.3	.3	.8
Local government	49.7	49.6	48.7	.1	1.0
Local government education	29.8	29.8	29.3	.1	.5
Local government, except education	19.9	19.9	19.4	.0	.5

Hours & Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

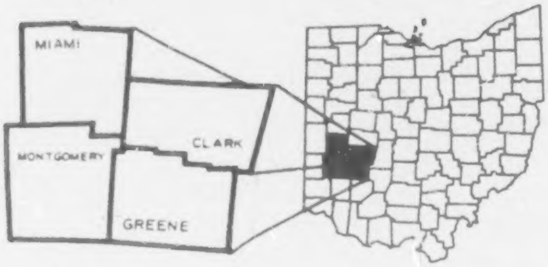
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$457.44	$453.46	$452.45	41.1	41.0	41.7	$11.13	$11.06	$10.85
Durable Goods[e]	470.16	464.71	475.31	41.1	40.8	42.1	11.44	11.39	11.29
Stone, clay, and glass products	476.89	462.15	457.94	40.9	39.5	40.1	11.66	11.70	11.42
Glass and glassware, pressed or blown	460.24	438.26	430.34	41.5	39.2	39.3	11.09	11.18	10.95
Fabricated metal products	512.91	489.60	496.53	41.0	40.0	40.5	12.51	12.24	12.26
Fabricated structural metal products	404.99	389.22	380.24	39.9	39.0	38.8	10.15	9.98	9.80
Machinery, except electrical	396.15	399.68	409.22	38.8	39.3	40.8	10.21	10.17	10.03
Electric and electronic equipment	460.53	453.91	478.90	40.9	40.6	43.3	11.26	11.18	11.06
Transportation equipment	543.84	546.12	576.67	44.0	43.9	45.3	12.36	12.44	12.73
Instruments and related products	372.49	372.39	391.98	39.5	39.7	41.7	9.43	9.38	9.40
Nondurable Goods[f]	427.85	427.87	400.25	41.1	41.5	40.8	10.41	10.31	9.81
Food and kindred products	398.80	409.59	380.89	40.0	41.0	39.8	9.97	9.99	9.57
Printing and publishing	496.40	485.41	458.25	40.0	39.4	39.0	12.41	12.32	11.75
Chemicals and allied products	526.25	512.32	489.19	43.6	42.8	43.1	12.07	11.97	11.35
Rubber and misc. plastics products	343.12	353.16	327.89	42.1	43.6	42.2	8.15	8.10	7.77
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	525.23	525.76	508.87	39.7	39.8	40.1	13.23	13.21	12.69
WHOLESALE TRADE	307.09	310.95	296.81	38.1	38.2	38.9	8.06	8.14	7.63
RETAIL TRADE[h]	165.53	167.60	161.56	28.2	28.6	28.0	5.87	5.86	5.77
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	233.33	238.25	232.04	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,896	4,839	6,087
Active File of Job Seekers	44,631	44,268	60,948
Referrals to Jobs	2,166	2,068	2,995
Placements	467	687	659
Job Openings Received	1,530	1,451	2,516
Job Openings Unfilled	5,384	6,014	5,193
Unemployment Insurance Program			
Initial Claims	5,221	5,362	5,251
Continued Claims	52,585	55,333	55,887
First Payments	2,310	3,311	2,506
Last Payments	644	694	829
Weeks Compensated	45,611	48,406	50,227
Benefits Paid	$6,641,294	$7,029,088	$7,049,169
Average Weekly Payment	$148.22	$147.71	$142.85

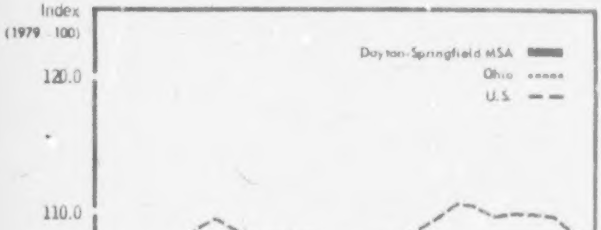
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA



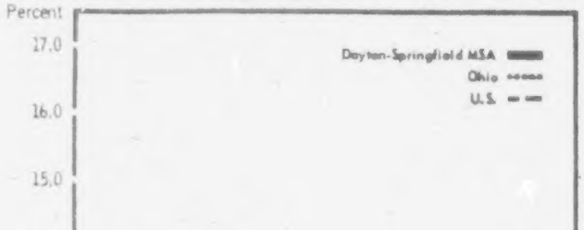
Dayton-Springfield nonagricultural wage and salary employment, at 413,500 in March 1986, was up 4,400 from February. Employment in nonmanufacturing rose 4,300 from February, to 308,000 in March. The greatest increases were in services and construction. Manufacturing employment increased slightly in March, to 105,500. Hourly earnings of factory production workers rose $.05 to $12.21 an hour. The average workweek, at 43.9 hours, was up .1 hours from February.

From March 1985 to March 1986, nonagricultural employment rose 12,500. The increase occurred in nonmanufacturing, especially in services and retail trade. The number of manufacturing jobs declined 800 over the year as losses were recorded in durable- goods industries, especially nonelectrical machinery and electric and electronic equipment. Producers of nondurable goods recorded some employment increases over the year in printing and publishing, miscellaneous plastics products, and paper and allied products.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



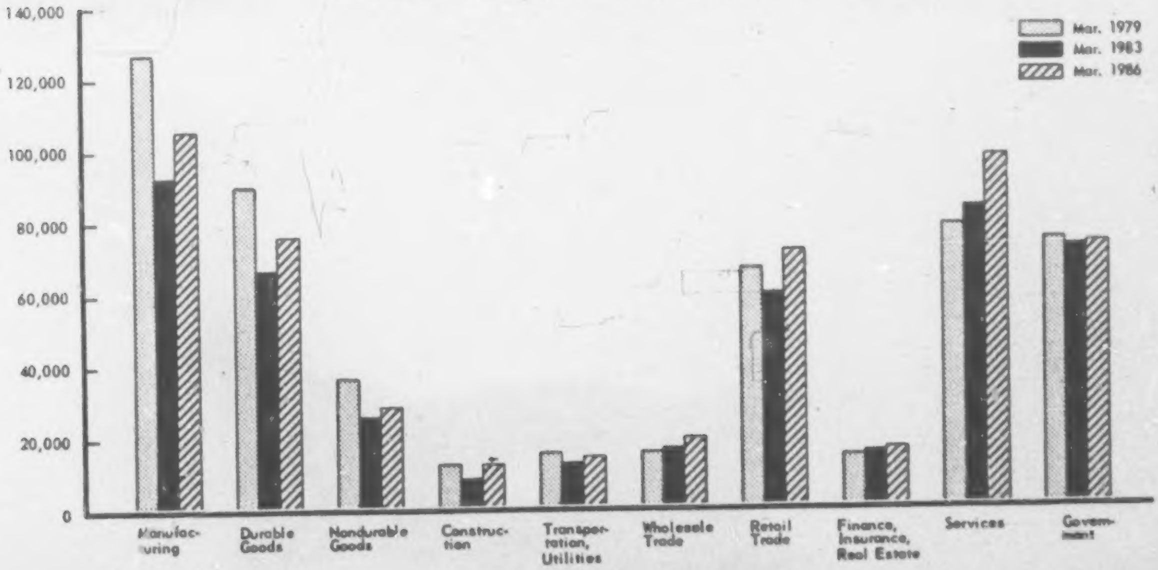
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.6	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
435.7	403.1	32.6	7.5	February	395.4	105.5	68.7	482.70	40.7	11.86
442.4	408.4	34.0	7.7	March	401.0	106.3	69.4	505.13	43.1	11.72
444.6	413.8	30.8	6.9	April	405.7	106.3	69.1	511.49	43.2	11.84
441.9	415.4	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.3	415.0	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.4	422.9	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
INA	INA	INA	INA	March	413.5	105.5	68.3	536.02	43.9	12.21

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton-Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	413.5	409.1	401.0	4.4	12.5
MANUFACTURING	105.5	105.5	106.3	.1	- .8
Durable Goods[e]	76.3	76.2	77.4	.1	- 1.1
Fabricated metal products	8.3	8.1	8.2	.2	.1
Machinery, except electrical	32.0	31.9	32.9	.0	- .9
Metalworking machinery	7.2	7.2	6.9	.0	.3
General industrial machinery	2.5	2.5	3.0	.0	- .5
Electric and electronic equipment	5.2	5.3	5.6	- .1	- .4
Electrical industrial apparatus	2.9	2.8	2.9	.0	.0
Transportation equipment	21.9	22.0	21.6	- .1	.3
Nondurable Goods[f]	29.3	29.3	28.9	.0	.3
Food and kindred products	2.9	2.9	3.1	.0	- .2
Paper and allied products	5.8	5.9	5.7	- .1	.1
Printing and publishing	8.5	8.4	8.2	.0	.2
Rubber and misc. plastics products	8.4	8.4	8.2	.0	.2
NONMANUFACTURING	308.0	303.6	294.7	4.3	13.2
CONSTRUCTION	12.6	11.6	11.2	1.0	1.4
TRANSPORTATION AND PUBLIC UTILITIES	14.7	14.5	14.1	-.2	.6
Communication, electric, gas services	5.9	5.9	6.0	.0	- .1
WHOLESALE TRADE	19.7	19.4	18.8	.3	.9
Wholesale trade-durable goods	13.4	13.2	12.9	.2	.5
RETAIL TRADE	72.0	71.1	67.7	.8	4.3
General merchandise stores	10.7	10.7	11.1	.0	- .3
FINANCE, INSURANCE, AND REAL ESTATE	16.7	16.6	16.4	.1	.3
Banking	4.2	4.2	4.1	.0	.1
Credit agencies other than banks	4.5	4.4	4.2	.1	.3
Insurance carriers	2.7	2.7	3.1	.0	- .4
SERVICES	98.0	97.0	93.2	1.1	4.9
Business services	22.3	21.8	19.2	.4	3.1
Health services	33.7	33.7	33.6	.1	.2
Educational services	7.4	7.5	7.8	- .1	- .4
GOVERNMENT	73.9	73.1	73.0	.8	.9
Federal government	28.3	27.6	26.5	.7	1.8
State government	6.8	6.7	6.6	.0	.2
State government education[f]	4.2	4.2	4.0	.0	.2
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.8	38.7	39.9	.1	- 1.0
Local government education	24.9	24.8	25.5	.1	- .6
Local government, except education	14.0	14.0	14.4	.0	- .4

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$536.02	$532.61	$505.13	43.9	43.8	43.1	$12.21	$12.16	$11.72
Durable Goods[e]	551.54	550.65	511.49	44.3	44.3	43.2	12.45	12.43	11.84
Fabricated metal products	373.22	375.08	356.04	40.7	41.4	41.4	9.17	9.06	8.60
Machinery, except electrical	563.88	568.58	536.03	44.4	44.7	44.3	12.70	12.72	12.10
Metalworking machinery	541.95	528.96	544.90	46.4	45.6	47.3	11.68	11.60	11.52
General industrial machinery	403.79	406.61	430.56	39.9	40.1	41.6	10.12	10.14	10.35
Electric and electronic equipment	387.71	386.23	347.58	41.6	41.8	40.7	9.32	9.24	8.54
Electrical industrial apparatus	447.05	447.05	378.10	43.7	43.7	40.7	10.23	10.23	9.29
Transportation equipment	700.60	692.48	635.69	46.8	46.6	43.6	14.97	14.86	14.58
Nondurable Goods[f]	467.90	481.66	484.22	42.5	42.4	42.7	11.48	11.36	11.34
Food and kindred products	392.88	390.70	368.67	44.9	44.6	41.1	8.75	8.76	8.97
Paper and allied products	457.65	463.08	434.40	45.0	45.4	44.6	10.17	10.20	9.74
Printing and publishing	418.04	432.95	409.94	39.7	40.5	39.8	10.53	10.69	10.30
Rubber and misc. plastics products	624.52	607.74	631.16	42.6	42.0	43.8	14.66	14.47	14.41
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.60	516.78	505.78	40.0	39.6	39.7	13.19	13.05	12.74
WHOLESALE TRADE	359.85	380.70	368.52	39.5	40.5	41.5	9.11	9.40	8.88
RETAIL TRADE[h]	156.02	154.08	156.47	29.0	28.8	28.5	5.38	5.35	5.49

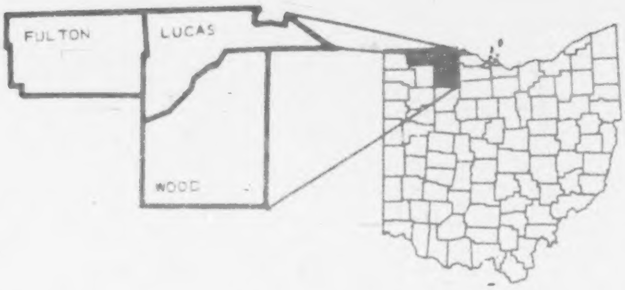
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	3,255	3,241	3,268
Active File of Job Seekers	25,451	32,825	37,855
Referrals to Jobs	1,164	1,247	1,399
Placements	217	228	342
Job Openings Received	756	540	1,011
Job Openings Unfilled	1,041	892	1,429
Unemployment Insurance Program			
Initial Claims	2,815	2,889	3,012
Continued Claims	37,321	39,000	34,842
First Payments	1,494	2,596	1,758
Last Payments	527	351	521
Weeks Compensated	33,408	36,001	33,537
Benefits Paid	$4,695,761	$5,107,405	$4,436,983
Average Weekly Payment	$142.92	$143.93	$134.86*

*Revised.

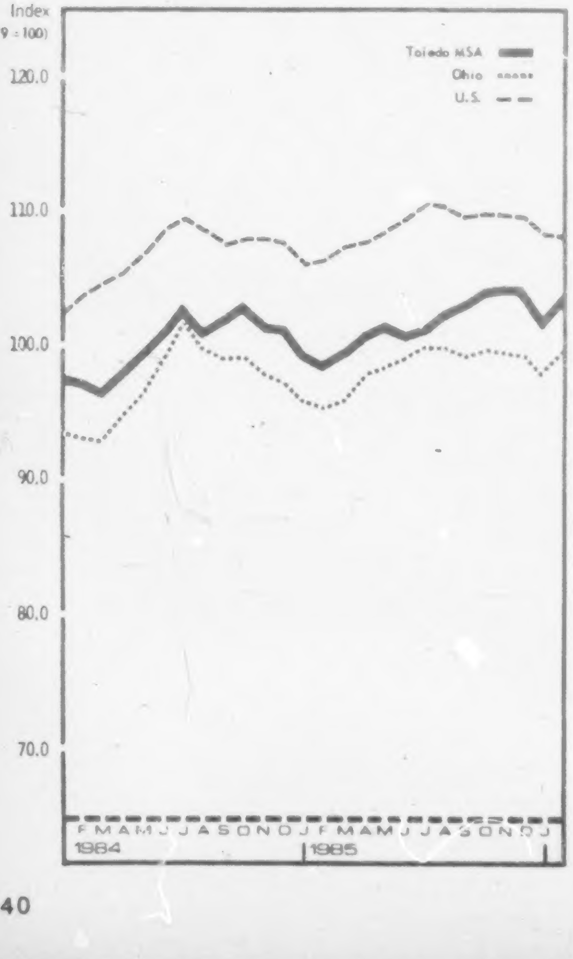
TOLEDO
METROPOLITAN STATISTICAL AREA



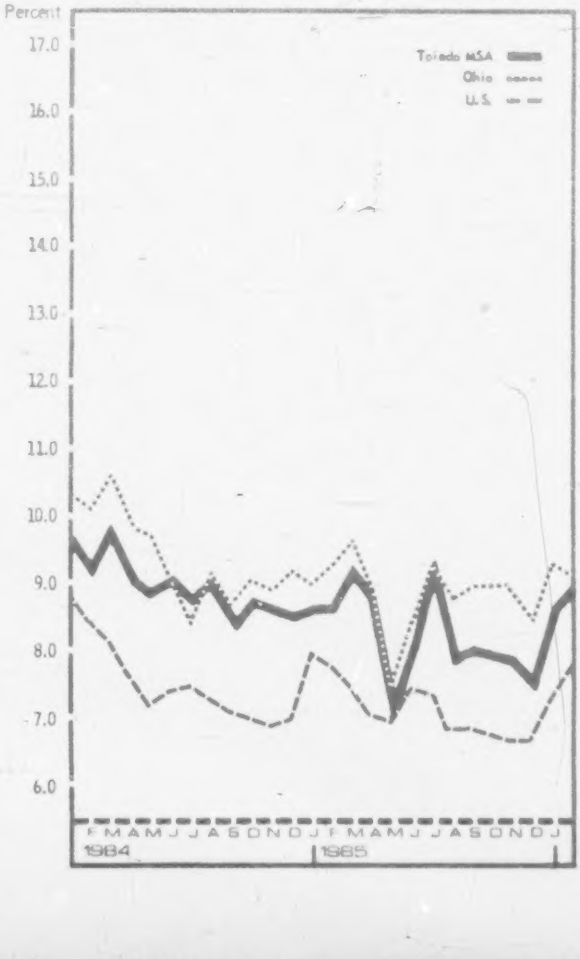
Nonagricultural wage and salary employment in March 1986 in the Toledo metropolitan area was 266,500, an increase of 2,000 from February. In nonmanufacturing, services and retail trade had the largest monthly increases, both rising by 700 workers in March. Manufacturing employment dipped slightly, to 63,200, due to the loss of 700 workers in motor vehicles and equipment. All other manufacturing categories held steady or showed slight increases. Production workers in manufacturing worked an average of 43.1 hours per week in March, up .2 hours. They earned $12.45 an hour, down $.06 from last month.

Over the year, nonagricultural wage and salary employment increased by 7,400 in the Toledo area. The increase occurred in nonmanufacturing with the largest gains in services and retail trade. Other categories showing improvement were finance, insurance, and real estate, government, and construction. Producers of nondurable goods in manufacturing reported additions to their workforces, while durable-goods manufacturers had net losses.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



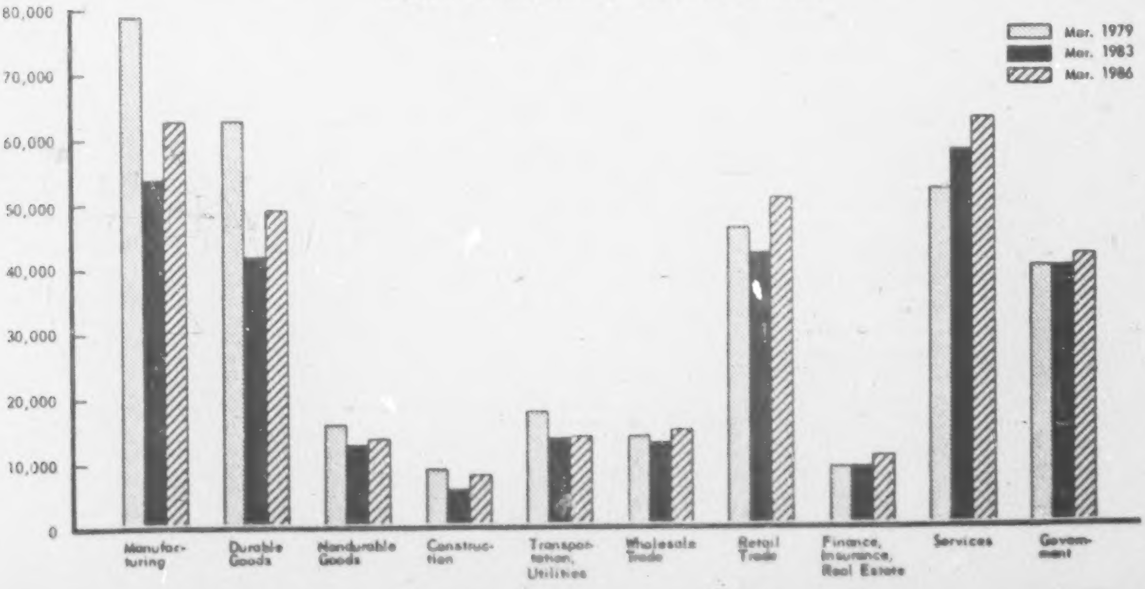
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
287.9	263.2	24.7	8.6	February	256.2	64.6	45.2	507.55	41.5	12.23
292.9	265.9	27.1	9.2	March	259.1	65.0	45.5	519.23	42.7	12.16
294.6	269.1	25.5	8.7	April	261.8	64.7	45.4	507.83	41.9	12.12
291.1	270.8	20.	7.0	May	264.9	64.8	45.6	513.15	42.2	12.16
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.33	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.5	276.5	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
INA	INA	INA	INA	March	266.5	63.2	43.5	536.60	43.1	12.45

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	266.5	264.5	259.1	2.0	7.4
MANUFACTURING	63.2	63.3	65.0	- .1	- 1.7
Durable Goods[e]	49.0	49.4	51.2	- .4	- 2.2
Stone, clay, and glass products	8.7	8.6	9.2	.1	- .5
Primary metal industries	3.5	3.5	3.6	.0	- .1
Fabricated metal products	7.8	7.6	7.9	.2	- .1
Metal forgings and stampings	3.6	3.4	3.7	.2	- .1
Machinery, except electrical	6.2	6.0	6.1	.1	.1
Electric and electronic equipment	1.9[j]	1.9[j]	3.3	.0	- 1.4
Transportation equipment	17.3	17.9	17.5	- .7	- .3
Motor vehicles and equipment	16.2	16.9	16.3	- .7	- .1
Nondurable Goods[f]	14.2	13.9	13.7	.3	.4
Food and kindred products	3.7	3.7	3.5	.0	.2
Rubber and misc. plastics products	3.1	2.9	2.9	.2	.2
NONMANUFACTURING[g]	203.3	201.2	194.2	2.1	9.2
CONSTRUCTION	7.8	7.5	7.2	.3	.6
TRANSPORTATION AND PUBLIC UTILITIES	13.6	13.5	13.7	.1	- .1
Trucking and warehousing	5.4	5.3	5.4	.1	- .1
Communication, electric, gas services	4.8	4.8	4.7	.0	.1
WHOLESALE TRADE	14.9	14.8	14.8	.1	.1
Wholesale trade-durable goods	9.9	9.8	10.0	.1	- .2
RETAIL TRADE	50.5	49.8	47.7	.7	2.8
General merchandise stores	6.7	6.7	6.8	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	9.8	.1	1.1
Banking	3.6	3.6	3.3	.0	.3
SERVICES	63.3	62.6	59.5	.7	3.8
Business services	11.5	11.5	10.2	.0	1.3
Health services	25.0	24.8	24.0	.2	1.0
GOVERNMENT	42.1	42.0	41.1	.1	.9
State government	16.1	15.9	15.6	.2	.5
State government education[i]	12.2	12.0	11.8	.2	.4
State government, except education	3.9	3.8	3.8	.0	.1
Local government	23.5	23.6	23.2	- .1	.4
Local government education	13.8	13.8	13.5	.0	.3
Local government, except education	9.7	9.8	9.7	.0	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Toledo MSA

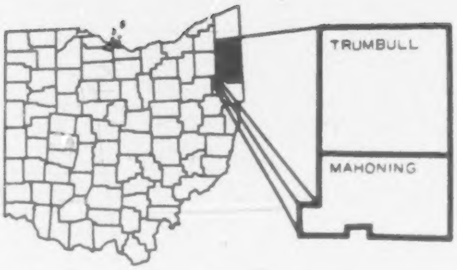
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$536.60	$536.68	$519.23	43.1	42.9	42.7	$12.45	$12.51	$12.16
Durable Goods[e]	562.89	559.44	544.78	43.5	43.1	43.1	12.94	12.98	12.64
Stone, clay, and glass products	579.21	572.32	492.44	44.9	44.4	40.9	12.90	12.89	12.04
Primary metal industries	505.79	509.82	481.09	44.8	44.8	45.3	11.29	11.38	10.62
Fabricated metal products	485.06	505.74	472.06	41.6	43.3	41.3	11.66	11.68	11.43
Metal forgings and stampings	576.80	594.58	550.29	42.6	43.4	42.2	13.54	13.70	13.04
Machinery, except electrical	463.41	463.10	433.87	41.9	42.1	41.4	11.[illegible]	11.00	10.48
Electric and electronic equipment	502.90	459.26	551.10	41.7	38.4	43.6	12.06	11.96	12.64
Transportation equipment	662.45	645.15	672.45	43.9	42.5	44.8	15.09	15.18	15.01
Motor vehicles and equipment	664.65	646.18	676.03	43.9	42.4	44.8	15.14	15.24	15.09
Nondurable Goods[f]	443.50	452.38	415.93	41.8	42.2	41.1	10.61	10.72	10.12
Food and kindred products	534.82	547.20	432.14	44.2	45.6	40.5	12.10	12.00	10.67
Rubber and misc. plastics products	335.79	331.25	328.72	41.0	40.2	41.4	8.19	8.24	7.94
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	568.90	565.04	532.09	41.8	41.7	41.7	13.61	13.55	12.76
WHOLESALE TRADE	345.65	338.31	300.00	37.9	37.3	35.8	9.12	9.07	8.38
RETAIL TRADE[h]	153.55	151.29	159.57	29.1	28.6	28.7	5.28	5.29	5.56

[a] See Technical Notes for concepts [b] Preliminary [c] Revised [d] Based on unrounded figures [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products [g] Includes mining [h] Money payments only; tips not included [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education [j] Depressed due to labor-management disputes

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	2,475	2,250	2,943
Active File of Job Seekers	26,929	26,821	37,948
Referrals to Jobs	1,079	978	1,191
Placements	321	213	282
Job Openings Received	492	476	623
Job Openings Unfilled	621	625	986
Unemployment Insurance Program			
Initial Claims	3,621	5,873	4,993
Continued Claims	35,926	35,169	33,503
First Payments	2,398	2,663	1,875
Last Payments	349	330	466
Weeks Compensated	32,544	27,478	31,733
Benefits Paid	$4,951,162	$4,082,204	$4,587,352
Average Weekly Payment	$154.88	$151.78	$148.26

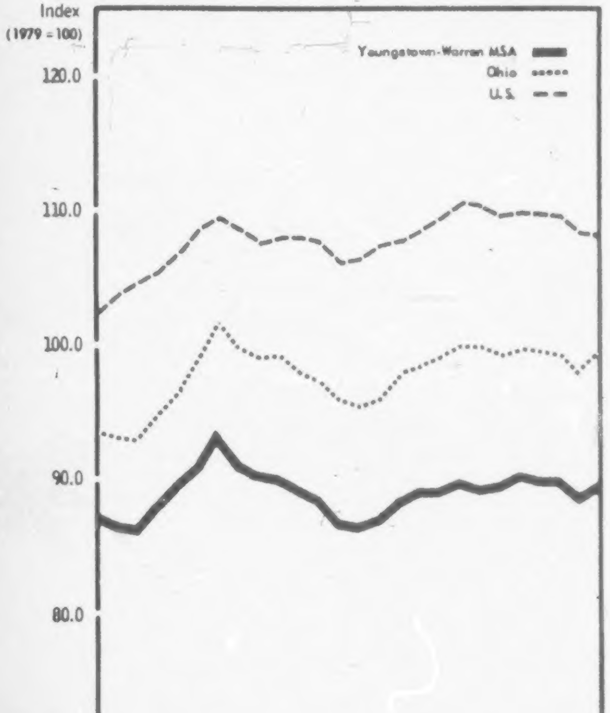
YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA



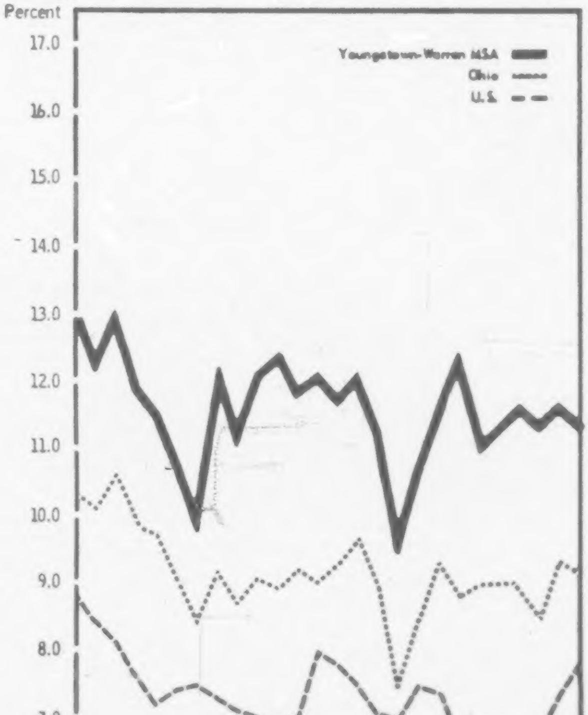
Nonagricultural wage and salary employment in the Youngstown-Warren area totaled 184,600 in March 1986, up 1,400 from February. The increase occurred in nonmanufacturing. Retail trade and services had the greatest improvements. Manufacturing employment dropped 500, to 51,500 in March, with decreases occurring mainly in durable goods. Production workers in manufacturing earned $13.35 per hour, down $.16. They had an average workweek of 41.3 hours, down .9 hours from February.

Over the year, nonagricultural wage and salary employment in the Youngstown-Warren area rose 4,100. The improvement occurred in nonmanufacturing. Retail trade and services improved most. In manufacturing, a gain of 1,300 workers in transportation equipment was more than offset by losses in other industries, especially primary metals, nonelectrical machinery, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



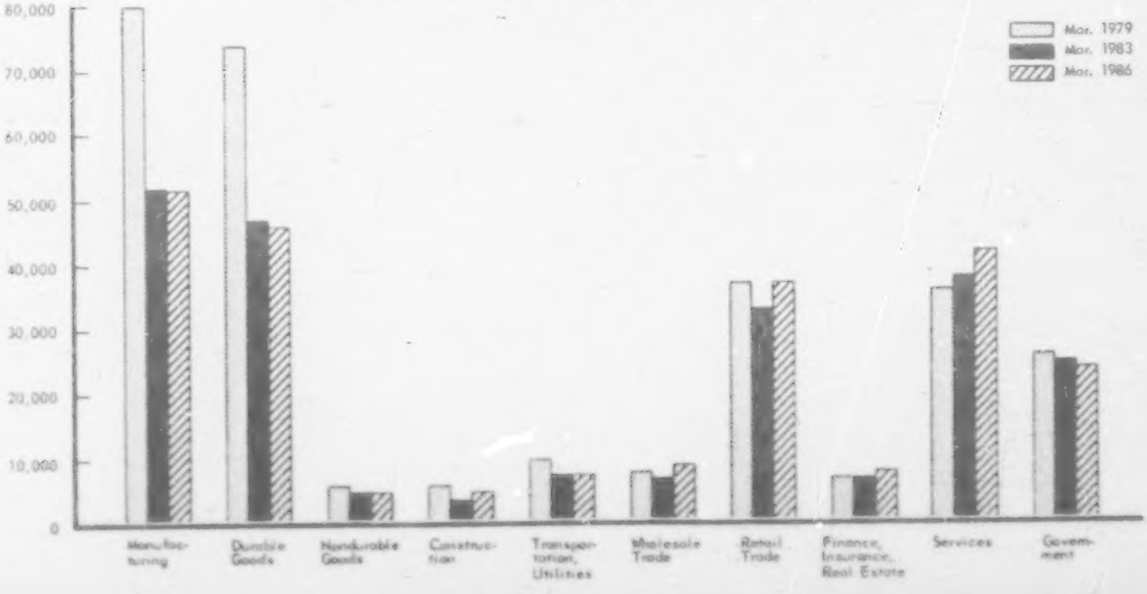
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
214.9	189.7	25.1	11.7	February	178.5	52.5	39.9	552.02	42.3	13.05
217.7	191.3	26.4	12.1	March	180.5	53.0	40.4	558.99	42.9	13.03
218.6	194.2	24.4	11.2	April	182.9	52.9	40.3	551.59	42.3	13.04
216.4	195.9	20.5	9.5	May	185.7	52.8	40.1	579.88	43.6	13.30
219.3	195.8	23.4	10.7	June	185.2	52.8	39.9	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.1	25.4	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.5	197.2	25.2	11.3	February	183.2	51.9	38.7	570.12	42.2	13.51
INA	INA	INA	INA	March	184.6	51.5	38.4	551.36	41.3	13.35

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown - Warren MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	March 1986[b]	February 1986[c]	March 1985[c]	From Last Month	From Last Year
TOTAL	184.6	183.2	180.5	1.4	4.1
MANUFACTURING	51.5	51.9	53.0	-.5	-1.5
Durable Goods[e]	46.4	46.8	47.8	-.4	-1.4
Primary metal industries	20.2	20.5	21.1	-.3	-.9
Blast furnace and basic steel products	6.8	6.8	7.4	.0	-.6
Fabricated metal products	7.4	7.5	8.0	-.1	-.6
Machinery, except electrical	3.3	3.3	4.0	.0	-.7
Electric and electronic equipment	2.3	2.4	2.7	-.1	-.4
Transportation equipment	9.9	9.9	8.6	.1	1.3
Nondurable Goods[f]	5.1	5.1	5.2	.0	-.1
NONMANUFACTURING[g]	133.1	131.3	127.5	1.8	5.6
CONSTRUCTION	5.4	5.1	4.9	.3	.6
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.4	7.4	.0	.1
Communication, electric, gas services	3.0	3.0	3.0	.0	-.1
WHOLESALE TRADE	9.1	8.9	8.4	.1	.7
Wholesale trade-durable goods	6.1	5.9	5.6	.1	.5
RETAIL TRADE	37.1	36.5	34.8	.6	2.3
General merchandise stores	5.5	5.5	5.7	-.1	-.2
FINANCE, INSURANCE, AND REAL ESTATE	7.7	7.7	7.2	.0	.5
Banking	2.6	2.6	2.4	.0	.1
SERVICES	41.6	41.1	40.3	.5	1.3
Health services	17.7	17.8	18.1	-.1	-.4
GOVERNMENT	24.0	23.8	23.8	.2	.2
State government	4.1	4.1	4.2	.0	-.1
State government education	2.7	2.6	2.7	.0	-.1
State government, except education	1.5	1.5	1.4	.0	.0
Local government	17.9	17.7	17.7	.1	.1
Local government education	11.4	11.4	11.5	.0	.0
Local government, except education	6.4	6.3	6.3	.1	.1

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1986[b]	February 1986[c]	March 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]	Mar. 1986[b]	Feb. 1986[c]	Mar. 1985[c]
MANUFACTURING	$551.36	$570.12	$558.99	41.3	42.2	42.9	$13.35	$13.51	$13.03
Durable Goods[e]	568.14	589.90	578.02	41.5	42.5	43.2	13.69	13.88	13.38
Primary metal industries	541.88	561.20	592.05	38.9	40.0	41.9	13.93	14.03	14.13
Blast furnace and basic steel products	505.30	507.53	505.59	37.1	37.1	37.9	13.62	13.68	13.34
Fabricated metal products	576.44	563.07	593.71	41.5	41.1	43.4	13.89	13.70	13.68
Machinery, except electrical	469.78	469.04	483.42	41.5	41.0	42.0	11.32	11.44	11.51
Electric and electronic equipment	405.47	409.62	431.14	39.1	39.5	41.1	10.37	10.37	10.49
Transportation equipment	725.21	791.01	683.05	47.0	49.5	47.5	15.43	15.98	14.38
Nondurable Goods[f]	363.63	360.12	351.34	39.1	39.4	39.3	9.30	9.14	8.94
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	513.20	507.05	491.23	40.0	39.8	40.1	12.83	12.74	12.25
WHOLESALE TRADE	328.74	324.32	312.80	37.7	37.8	38.1	8.72	8.58	8.21
RETAIL TRADE[h]	163.29	163.88	161.87	28.9	28.9	28.7	5.65	5.67	5.64

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	March 1986	February 1986	March 1985
Employment Service Program			
New Applicants	2,626	2,553	2,910
Active File of Job Seekers	35,070	34,375	47,254
Referrals to Jobs	1,202	882	2,200
Placements	272	256	594
Job Openings Received	492	378	876
Job Openings Unfilled	491	405	695
Unemployment Insurance Program			
Initial Claims	4,836	4,725	4,197
Continued Claims	32,124	33,623	32,418
First Payments	1,534	2,238	1,433
Last Payments	440	469	831
Weeks Compensated	29,202	30,727	30,836
Benefits Paid	$4,229,997	$4,477,519	$4,535,900
Average Weekly Payment	$148.02	$148.[illegible]4	$151.47

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	45
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during or received pay for any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\begin{matrix}\text{Total Employment} \\ \text{(current month)}\end{matrix} = \begin{matrix}\text{Total Employment} \\ \text{(previous month)}\end{matrix} \times \frac{\begin{matrix}\text{Sample Employment} \\ \text{(current month)}\end{matrix}}{\begin{matrix}\text{Sample Employment} \\ \text{(previous month)}\end{matrix}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind excluded.

Hours.—Represents hours worked or paid for during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	March 1986	February 1986	March 1985
New Applicants	47,262	44,265	51,969
Active File of Job Seekers	452,976	451,433	580,029
Counseling Interviews	2,291	2,179	2,376
Tests Administered	3,767	2,745	2,645
General Aptitude Tests	398	532	330
Proficiency Tests	605	681	798
Specific Aptitude Tests	2,185	1,168	1,345
Referrals to Jobs	22,824	20,342	23,733
Placements	5,167	4,593	5,318
Job Openings Received	10,918	9,277	13,423
Job Openings Unfilled	18,390	17,332	20,254

Selected Unemployment Insurance Activities

Activity	March 1986	February 1986	March 1985
Initial Claims	56,732	63,826	58,578
Continued Claims	620,104	636,655	631,792
First Payments	29,308	38,307	30,939
Last Payments	8,582	7,510	9,903
Average Weekly Claimants	149,729	157,245	153,221
Average Weekly Benefit Recipients	134,531	136,532	138,369
Weeks Compensated	548,101	551,958	592,462
Benefits Paid	$80,968,441	$81,313,896	$85,351,850
Average Weekly Payment	$150.71	$150.26	$147.12
Continued Claims for Survey Week	148,501	157,825	151,940
Insured Unemployment Rate	3.6	3.8	3.9
Net Contributions	$3,528,175	$63,238,322	$2,903,078
Active Employer Accounts	191,556	190,708	190,526

This periodical is published monthly by the Ohio Bureau of Employment Services, in cooperation with the United States Department of Labor. For further information, contact Dixie Sommers, Director, Labor Market Information Division, at (614) 466-6806.

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Ohio
Labor
Market
Information

Labor Market Review

April 1986

Summary. Ohio's seasonally adjusted unemployment rate rose from 7.4 percent in March to 8.0 percent in April. The number of unemployed workers increased 31,000, to 423,000 in April. The civilian labor force, at 5,265,000 in April, was down .9 percent from the previous month. Total employment fell 77,000 from March's record high level, to 4,842,000 in April, according to the monthly household survey. The national seasonally adjusted unemployment rate was down slightly from March, at 7.1 percent in April. The latest employer survey shows that Ohio's nonagricultural wage and salary employment (seasonally adjusted) gained 12,000 in April, to reach 4,494,000, the highest total since June 1979. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio dropped off slightly from March, to 1,115,000 in April. Losses in nondurable-goods industries were only partially offset by increases in durable goods.

Nonmanufacturing. Gains in most component industries helped raise Ohio's seasonally adjusted nonmanufacturing employment 13,000 in April, to 3,378,000. Employment in services rose 6,000; in retail trade, 4,000; and in construction, 3,000. Only government, down 2,000, showed a loss from March.

Over the year. From April 1985 to April 1986, Ohio's civilian labor force rose 2.3 percent. Total employment grew by 158,000 workers, a 3.4 percent increase. A decrease of 41,000 in the number of unemployed workers lowered the unemployment rate from 9.0 percent in April 1985, to the current rate of 8.0 percent. During the same period, the U.S. rate fell from 7.3 to 7.1 percent. Nonagricultural wage and salary employment rose 3.1 percent over the year. This increase occurred in nonmanufacturing, chiefly in services and retail trade. Significant gains were also seen in wholesale trade; finance, insurance, and real estate; government; and construction. Mining was the only nonmanufacturing division to lose employment from April 1985. Losses in durable-goods industries were largely responsible for a reduction of 12,000 manufacturing jobs over the year.

Factory Hours and Earnings. The average weekly earnings of Ohio manufacturing production workers dropped $6.30 from March, to $481.95 in April. The average workweek, at 41.8 hours, was down .4 hours. Nearly all industries had lower earnings due to reduced overtime. The greatest losses were in motor vehicles and equipment, miscellaneous plastics products, metal forgings and stampings, and refrigeration and service industry machinery.

Benefits and Costs. There were 59,632 initial claims filed under the Ohio Unemployment Compensation Law in April, up 5.1 percent from March, but down 4.4 percent from April 1985. The average weekly benefit check was reduced by $.29, to $150.42. Total benefits paid in April amounted to $70.4 million, down 13.1 percent from March. The average weekly number of benefit recipients, at 111,554, was down 22,977 from last month. At the end of

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

April, there were 192,000 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services handled 46,033 new job applicants in April, down 2.6 percent from March. There were 14,674 job openings received from employers, up 34.4 percent from last month. The Employment Services Division made 27,392 referrals to jobs and 6,480 placements.

THE OHIO BUREAU OF EMPLOYMENT SERVICES
CAN SAVE YOU TAX DOLLARS

Some applicants referred through the Ohio Bureau of Employment Services can save your company tax dollars.

If you hire an applicant under the Targeted Jobs Tax Credit program, your company will be eligible to:

- claim a tax credit equal to 50 percent of the first $6,000 in wages paid to the applicant in the first year; and
- claim an additional tax credit equal to 25 percent of the first $6,000 in wages for keeping the worker on your payroll through the second year.

For further information about the Targeted Jobs Tax Credit Program, contact Floyd McInturff at 614-462-7278.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Apr. 1986	Mar. 1986	Apr. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,265	5,311	5,148	-46	117	-0.9	2.3
Employment	4,842	4,919	4,684	-77	158	-1.6	3.4
Unemployment	423	392	464	31	-41	7.9	-8.8
Unemployment Rate	8.0	7.4	9.0				
Employer Survey Data[e]							
Total	4,494	4,482	4,358	12	135	0.3	3.1
Manufacturing	1,115	1,117	1,127	-2	-12	-0.2	-1.0
Durable Goods	762	761	772	1	-10	0.1	-1.3
Nondurable Goods	354	356	355	-3	-1	-0.7	-0.3
Nonmanufacturing	3,378	3,365	3,231	13	147	0.4	4.5
Mining	26	26	27	0	-1	-1.2	-4.9
Construction	161	158	154	3	7	2.0	4.5
Transportation and Public Utilities	203	204	203	0	1	-0.1	0.3
Wholesale Trade	254	254	245	1	10	0.2	3.9
Retail Trade	832	828	781	4	51	0.5	6.5
Finance, Insurance, and Real Estate	226	225	216	2	10	0.7	4.6
Services	1,003	997	943	6	61	0.6	6.5
Government	672	674	663	-2	9	-0.3	1.4
Goods Producing Industries[f]	1,302	1,301	1,308	1	-6	0.1	-0.4
Service Producing Industries[g]	3,192	3,181	3,050	10	141	0.3	4.6

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
Total	Employed	Unemployed	Ohio	U.S.			Manufacturing		
								Durable	Nondurable
					1984				
5,036	4,536	500	9.9	7.8	April	4,219	1,123	771	353
5,091	4,567	524	10.3	7.5	May	4,236	1,126	773	354
5,087	4,617	470	9.2	7.2	June	4,253	1,129	775	354
5,143	4,711	432	8.4	7.4	July	4,267	1,133	778	354
5,104	4,617	487	9.5	7.5	August	4,288	1,138	783	355
5,126	4,663	463	9.0	7.4	September	4,289	1,130	775	354
5,121	4,648	473	9.2	7.3	October	4,306	1,132	777	356
5,082	4,638	444	8.7	7.2	November	4,321	1,135	780	356
5,124	4,656	468	9.1	7.2	December	4,327	1,137	781	355
					1985				
5,111	4,667	444	8.7	7.4	January	4,323	1,134	779	355
5,135	4,678	457	8.9	7.3	February	4,328	1,133	778	356
5,143	4,673	470	9.1	7.3	March	4,343	1,129	774	355
5,148	4,684	464	9.0	7.3	April	4,358	1,127	772	355
5,071	4,659	412	8.1	7.3	May	4,376	1,127	772	355
5,065	4,623	442	8.7	7.3	June	4,367	1,123	769	354
5,100	4,626	474	9.3	7.3	July	4,376	1,118	767	351
5,104	4,645	459	9.0	7.1	August	4,384	1,116	763	353
5,154	4,678	476	9.2	7.1	September	4,394	1,110	757	353
5,154	4,688	466	9.0	7.1	October	4,410	1,115	763	353
5,181	4,723	458	8.8	7.0	November	4,430	1,121	767	354
5,186	4,749	437	8.4	6.9	December	4,449	1,126	772	354
					1986				
5,226	4,758	468	9.0	6.7	January	4,483	1,130	774	357
5,357	4,890	467	8.7	7.3	February	4,482	1,127	769	358
5,311	4,919	392	7.4	7.2	March	4,482	1,117	761	356
5,265	4,842	423	8.0	7.1	April	4.494	1,115	762	354

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,096	28	139	205	234	April	737	210	891	653
3,110	28	141	205	235	May	739	211	899	652
3,124	28	145	204	237	June	744	211	904	651
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,378	26	161	203	254	April	832	226	1003	672

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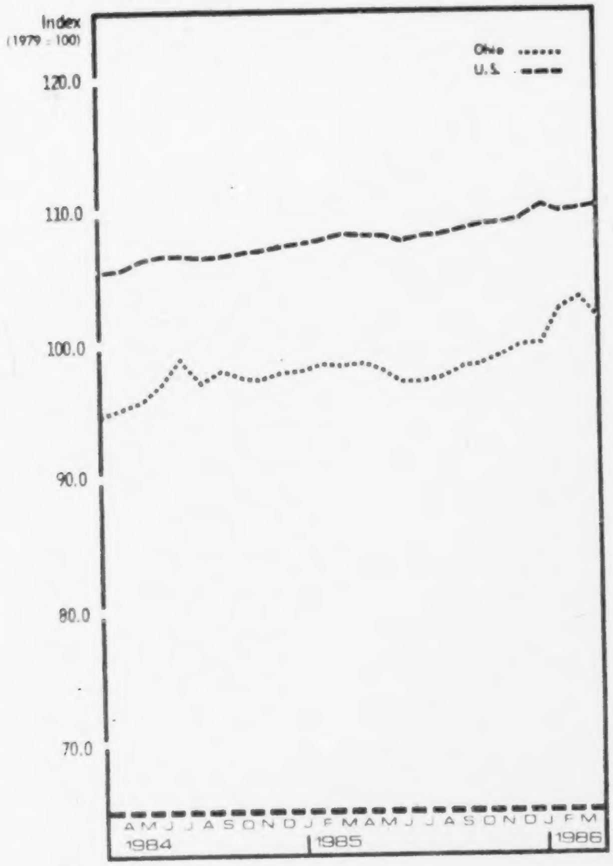
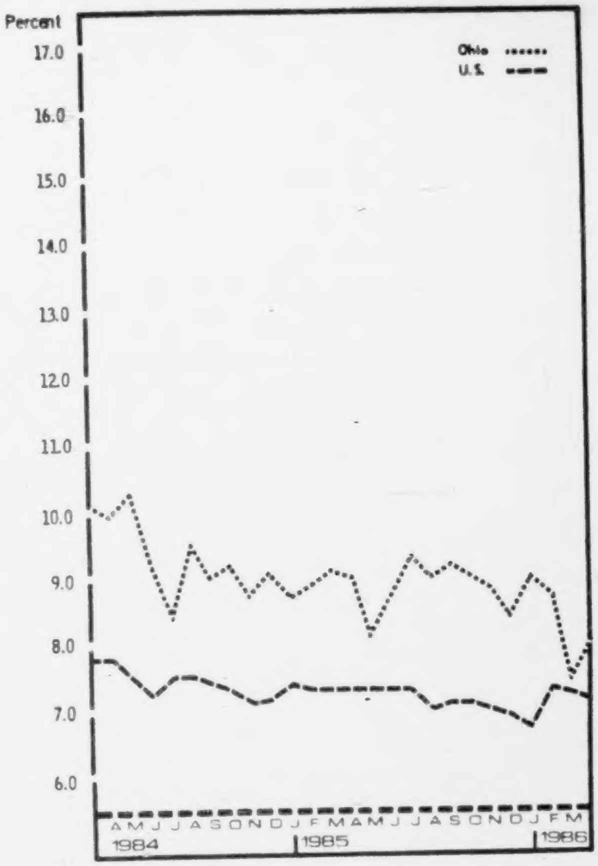
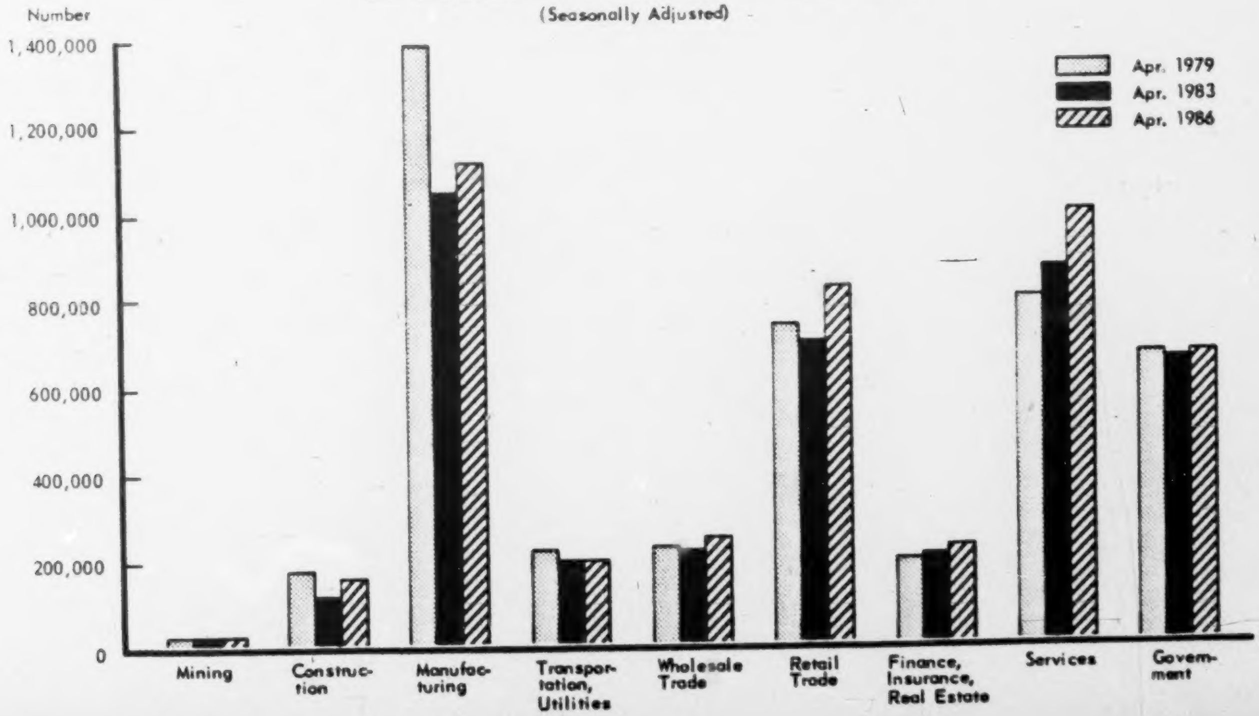
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Review*.


INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)


UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)

EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

(Seasonally Adjusted)



Nonseasonally Adjusted Estimates*

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable	Nondurable
4,723	4,294	429	9.1	8.5	1975	4,015.2	1,267.5	892.4	375.1
4,751	4,380	370	7.8	7.7	1976	4,094.6	1,295.3	910.6	384.6
4,833	4,520	312	6.5	7.1	1977	4,230.1	1,344.1	945.2	398.9
4,959	4,690	268	5.4	6.1	1978	4,394.5	1,377.2	974.5	402.7
5,059	4,760	299	5.9	5.8	1979	4,484.8	1,382.3	980.5	401.8
5,089	4,663	426	8.4	7.1	1980	4,367.4	1,264.3	882.5	381.8
5,100	4,608	492	9.6	7.6	1981	4,317.7	1,232.6	860.4	372.2
5,114	4,474	640	12.5	9.7	1982	4,124.3	1,099.9	752.4	347.5
5,099	4,478	621	12.2	9.6	1983	4,092.5	1,066.0	723.6	342.4
5,089	4,609	480	9.4	7.5	1984	4,260.2	1,127.0	773.4	353.6
5,130	4,675	455	8.9	7.2	1985	4,376.6	1,123.1	769.1	354.0
					1985				
5,099	4,646	453	8.9	7.1	April	4,347.0	1,123.8	771.4	352.4
5,054	4,674	381	7.5	7.0	May	4,404.3	1,128.3	774.0	354.3
5,146	4,707	439	8.5	7.5	June	4,411.9	1,130.4	774.8	355.6
5,237	4,750	487	9.3	7.4	July	4,383.5	1,120.4	768.3	352.1
5,207	4,751	456	8.8	6.9	August	4,395.8	1,118.4	761.3	357.2
5,185	4,719	466	9.0	6.9	September	4,437.7	1,121.4	762.6	358.8
5,216	4,747	469	9.0	6.8	October	4,436.8	1,119.8	765.5	354.4
5,200	4,734	466	9.0	6.7	November	4,473.1	1,123.1	768.2	354.9
5,156	4,721	435	8.5	6.7	December	4,481.7	1,123.5	769.5	354.1
					1986				
5,121	4,647	474	9.3	7.3	January	4,393.4	1,119.3	765.7	352.7
5,212	4,740	472	9.1	7.8	February	4,387.1	1,114.2	761.2	353.0
5,226	4,812	414	7.9	7.5	March	4,418.5	1,111.9	759.1	352.7
5,217	4,804	413	7.9	7.0	April	4,480.7	1,112.1	760.9	351.3

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.0	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.5	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,223.2	26.2	145.1	201.6	243.8	April	771.8	215.3	944.0	675.4
3,276.0	26.4	156.3	203.4	245.0	May	789.0	217.4	958.9	678.6
3,281.5	26.5	161.3	204.7	246.9	June	794.4	219.8	965.1	662.7
3,263.2	26.8	168.1	204.4	248.1	July	797.4	221.4	966.3	630.8
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	676.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,368.6	24.9	151.6	202.4	253.2	April	822.0	225.1	1,004.4	685.1

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*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment (in thousands) Manufacturing	Durable Goods	Nondurable Goods		**Production Workers in Manufacturing** Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,123.1	769.1	354.0	1985	773.4	369.7	32.5
			1985			
1,123.8	771.4	352.4	April	775.8	369.5	32.6
1,128.3	774.0	354.3	May	778.3	370.4	32.7
1,130.4	774.8	355.6	June	778.6	374.5	32.9
1,120.4	768.3	352.1	July	767.9	362.8	32.0
1,118.4	761.3	357.2	August	766.0	359.7	31.9
1,121.4	762.6	358.8	September	769.5	368.9	32.5
1,119.8	765.5	354.4	October	768.9	370.9	32.4
1,123.1	768.2	354.9	November	772.9	376.6	32.8
1,123.6	769.5	354.1	December	773.5	387.2	33.3
			1986			
1,119.3	766.7	352.7	January	769.1	375.5	32.5
1,114.2	761.2	353.0	February	764.1	373.4	32.2
1,111.9	759.1	352.7	March	762.5	372.3	32.2
1,112.1	760.9	351.3	April	763.3	367.9	31.9

Production Workers Average Weekly Earnings Manufacturing	Durable Goods	Nondurable Goods		**Production Workers Average Weekly Hours** Manufacturing	Durable Goods	Nondurable Goods		**Production Workers Average Hourly Earnings** Manufacturing	Durable Goods	Nondurable Goods
$224.47	$228.90	$211.85	1975	40.3	40.3	40.2	1975	$ 5.57	$ 5.68	$ 5.27
252.54	258.75	235.00	1976	41.2	41.4	41.3	1976	6.10	6.25	5.69
283.08	292.02	256.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
			1985				1985			
476.28	497.45	424.98	April	42.0	42.3	41.3	April	11.34	11.76	10.29
475.86	498.20	420.66	May	42.0	42.4	41.0	May	11.33	11.75	10.26
480.95	502.25	429.11	June	42.3	42.6	41.5	June	11.37	11.79	10.34
472.46	490.31	426.01	July	41.7	41.8	41.2	July	11.33	11.73	10.34
469.54	489.81	422.91	August	41.7	41.9	41.3	August	11.26	11.69	10.24
479.39	500.74	430.54	September	42.2	42.4	41.8	September	11.36	11.81	10.30
482.35	505.33	424.98	October	42.2	42.5	41.3	October	11.43	11.89	10.29
487.18	508.22	434.93	November	42.4	42.6	41.7	November	11.49	11.93	10.43
500.52	526.44	439.10	December	43.0	43.4	42.1	December	11.64	12.13	10.43
			1986				1986			
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	10.42
488.68	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	10.47
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	10.47
481.95	505.13	427.00	April	41.8	42.2	40.9	April	11.53	11.97	10.44

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*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

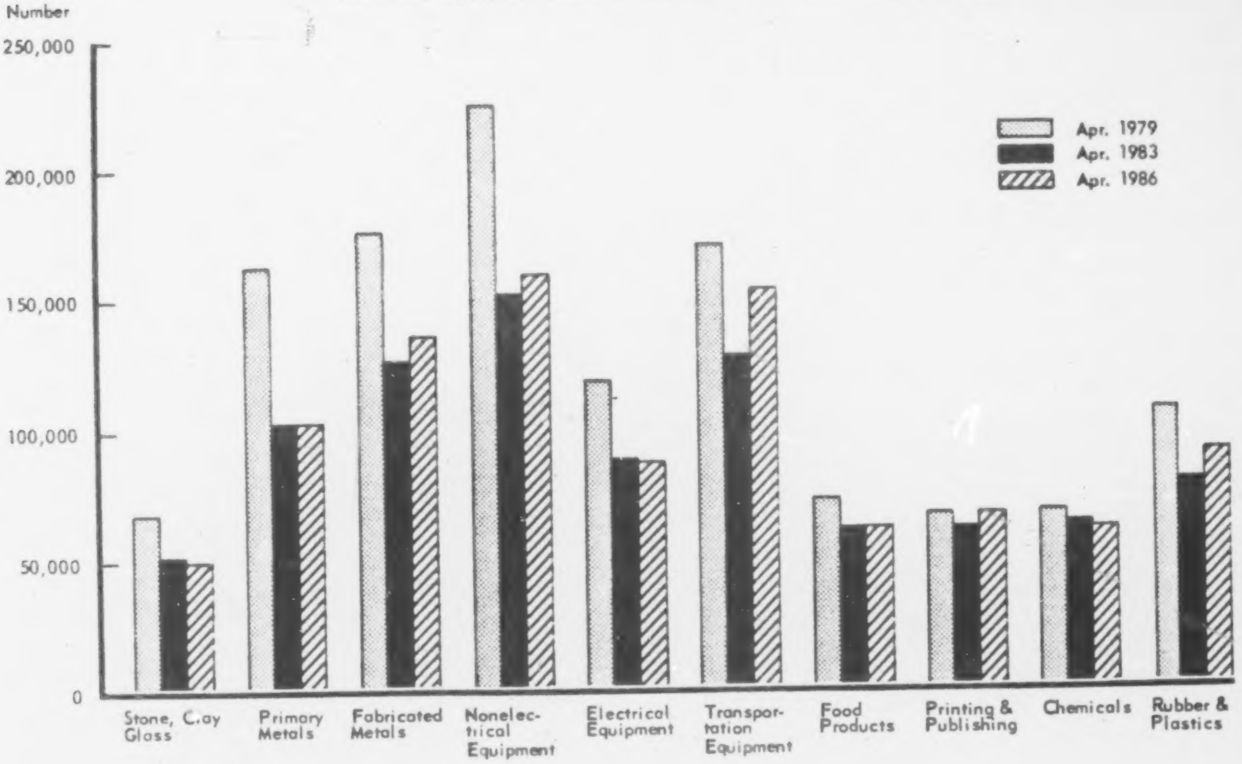
	Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.1	104.1	129.7	154.3	89.4	132.1	63.4	62.8	82.7
1984	52.5	108.9	138.7	167.3	93.1	144.9	62.8	65.1	90.8
1985	50.4	102.7	138.9	166.2	90.5	151.7	62.7	66.6	91.0
1985									
April	50.0	104.6	139.5	168.5	91.3	149.3	61.1	66.3	90.9
May	50.6	104.7	140.9	167.4	90.6	150.6	61.7	66.6	91.1
June	51.0	103.9	140.8	167.7	90.5	151.9	62.7	66.5	91.6
July	50.7	103.3	138.3	166.3	89.7	151.1	62.7	66.5	88.7
August	51.2	99.0	137.2	164.2	89.8	150.5	65.5	66.8	90.5
September	51.4	98.5	139.1	164.0	89.2	150.9	65.9	66.9	91.4
October	51.2	99.0	138.7	163.4	89.1	154.5	63.3	67.1	91.3
November	51.0	101.3	138.6	162.9	88.1	157.2	62.9	67.5	91.7
December	49.8	102.7	137.3	163.4	89.0	158.3	63.0	67.6	91.1
1986									
January	49.3	103.0	136.6	163.0	89.1	157.9	62.6	67.3	90.8
February	48.7	102.8	136.0	160.7	88.2	156.3	62.4	67.1	91.7
March	48.6	102.6	136.7	160.2	87.7	154.2	62.3	67.3	91.7
April	50.2	102.6	136.2	159.6	88.3	154.3	61.8	67.4	91.4

Average Weekly Earnings of Production Workers

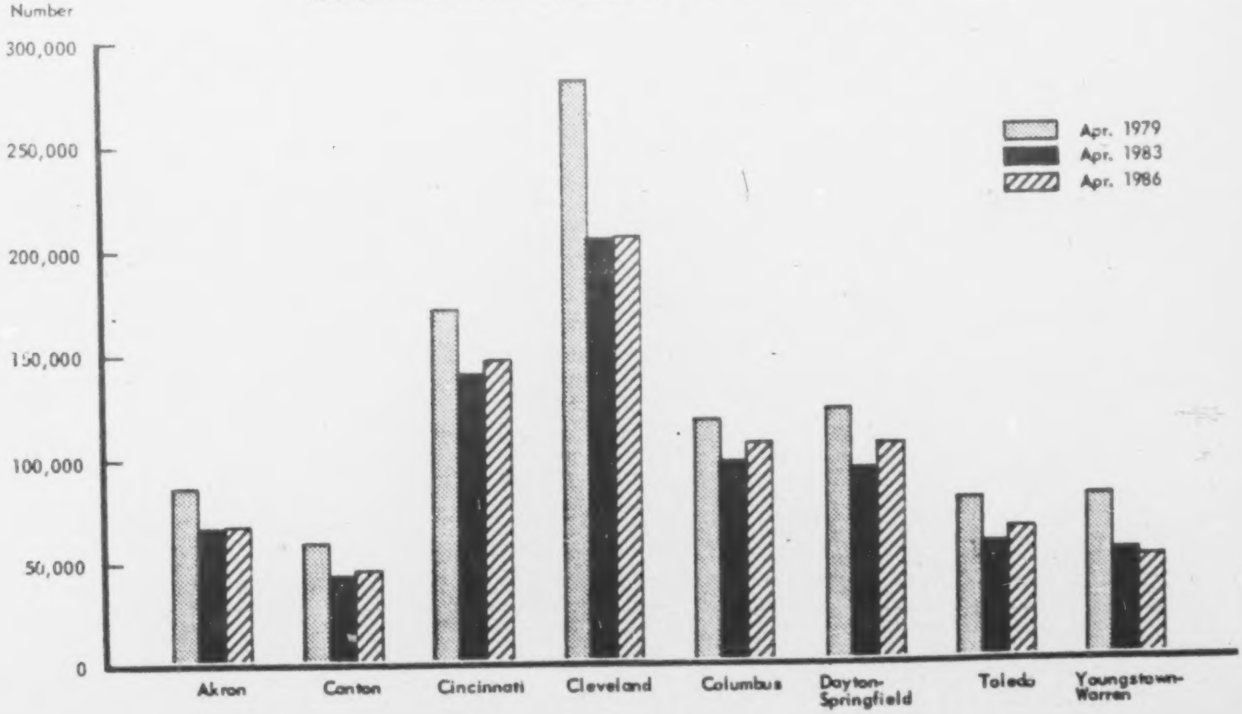
	Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
1975	$207.55	$256.46	$224.96	$228.25	$201.30	$263.22	$222.68	$226.95	$213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1984	419.15	537.21	475.30	467.61	420.65	603.46	419.19	386.30	419.99
1985	434.30	548.83	492.15	475.58	433.30	635.26	413.25	395.14	429.17
1985									
April	440.16	548.47	505.57	470.22	427.18	621.53	413.00	386.83	429.17
May	432.41	550.25	493.32	470.48	421.70	639.18	415.33	385.56	422.00
June	441.41	560.19	492.90	481.17	433.13	635.40	410.11	386.05	442.90
July	438.90	544.13	486.88	471.94	422.65	613.20	422.94	395.26	431.15
August	439.74	552.30	468.86	469.14	430.77	612.76	413.27	397.97	422.42
September	439.95	553.50	487.39	478.13	435.59	638.17	423.47	403.52	431.63
October	441.84	541.86	490.98	478.41	446.71	653.05	408.93	399.36	426.38
November	441.21	549.67	496.93	476.72	449.77	648.70	404.33	411.08	437.68
December	441.60	565.30	519.50	489.46	466.99	677.37	405.87	424.51	443.23
1986									
January	437.22	555.59	500.65	480.11	454.30	649.52	405.32	403.37	442.96
February	434.84	561.19	496.18	483.51	460.06	652.24	402.98	400.62	438.44
March	446.37	550.78	506.32	489.20	459.80	644.67	395.39	408.67	438.60
April	445.36	546.40	497.03	480.95	452.10	634.48	396.32	400.43	421.17

[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	4480.7	4418.5	4347.0	62.2	133.7
MANUFACTURING	1112.1	1111.9	1123.8	.3	- 11.7
Durable Goods[e]	760.9	759.1	771.4	1.7	- 10.5
Lumber and wood products	17.3	17.1	16.6	.2	.7
Furniture and fixtures	14.9	14.6	14.6	.2	.2
Stone, clay, and glass products	50.2	48.6	50.0	1.6	.2
Glass and glassware, pressed or blown	11.6	11.4	11.8	.1	- .2
Primary metal industries	102.6	102.6	104.6	.0	- 2.0
Blast furnace and basic steel products	47.3	47.1	48.2	.1	- 1.0
Iron and steel foundries	21.5	21.5	21.3	.0	.2
Nonferrous rolling and drawing	18.2	18.2	18.8	- .1	- .7
Fabricated metal products	136.2	136.7	139.5	- .5	- 3.3
Cutlery, hand tools, and hardware	10.9	11.1	11.4	- .3	- .6
Fabricated structural metal products	28.2	28.1	28.5	.1	- .3
Metal forgings and stampings	43.3	43.2	44.9	.1	- 1.6
Machinery, except electrical	159.6	160.2	168.5	- .6	- 8.9
Construction and related machinery	13.8	13.9	15.9	- .1	- 2.1
Metalworking machinery	41.0	40.7	42.8	.3	- 1.8
Special industry machinery	16.9	17.1	18.2	- .3	- 1.3
General industrial machinery	29.1	29.5	30.8	- .4	- 1.7
Office and computing machines	13.5	13.5	13.7	.0	- .2
Refrigeration and service machinery	16.5	16.5	17.5	.0	- .9
Electric and electronic equipment	88.3	87.7	91.3	.6	- 2.9
Electrical industrial apparatus	16.9	17.0	18.4	.0	- 1.5
Household appliances	17.2	17.1	16.4	.1	.7
Electric lighting and wiring equipment	17.2	17.3	18.2	- .1	- 1.0
Communication equipment	10.0	10.0	11.1	.0	- 1.1
Transportation equipment	154.3	154.2	149.3	.1	5.0
Motor vehicles and equipment	99.0	99.1	98.2	- .1	.9
Aircraft and parts	46.5	46.3	41.8	.1	4.6
Instruments and related products	23.5	23.4	22.9	.1	.6
Measuring and controlling devices	12.6	12.5	12.2	.0	.4
Nondurable Goods[f]	351.3	352.7	352.4	- 1.5	- 1.1
Food and kindred products	61.8	62.3	61.1	- .6	.6
Meat products	10.0	10.2	9.6	- .2	.5
Dairy products	9.5	9.4	9.7	.1	- .2
Preserved fruits and vegetables	10.3	10.4	10.3	- .1	.0
Bakery products	8.8	8.9	8.6	- .1	.1
Beverages	9.8	10.0	9.8	- .2	.0
Apparel and other textile products	16.1	16.4	16.8	- .3	- .7
Paper and allied products	36.2	36.4	36.9	- .2	- .6
Misc. converted paper products	12.0	12.0	12.1	- .1	- .1
Paperboard containers and boxes	11.8	11.8	12.1	- .1	- .4
Printing and publishing	67.4	67.3	66.3	.0	1.0
Newspapers	19.0	18.9	18.4	.0	.5
Commercial printing	25.9	25.8	24.9	.1	.9
Chemicals and allied products	61.5	61.6	62.9	- .1	- 1.4
Industrial inorganic chemicals	9.6	9.6	10.8	.0	- 1.1
Rubber and misc. plastics products	91.4	91.7	90.9	- .4	.5
Tires and inner tubes	18.8	18.8	20.5	.0	- 1.7
Miscellaneous plastics products	53.0	53.1	50.1	- .1	2.9

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

Ohio (continued)

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3368.6	3306.7	3223.2	61.9	145.4
MINING	24.9	24.9	26.2	.0	- 1.3
Bituminous coal and lignite mining	10.6	10.6	11.1	.0	- .5
Oil and gas extraction	9.8	10.1	10.7	- .2	- .9
CONSTRUCTION	151.6	135.7	145.1	15.9	6.4
General building contractors	38.5	35.5	36.3	3.0	2.2
Heavy construction contractors	19.6	14.8	18.2	4.7	1.4
Highway and street construction	8.1	5.2	7.3	2.9	.8
Special trade contractors	93.5	85.4	90.7	8.2	2.8
TRANSPORTATION AND PUBLIC UTILITIES	202.4	200.4	201.6	1.9	.7
Railroad transportation	15.8	15.3	17.2	.5	- 1.4
Transportation, except railroads	97.3	95.9	94.7	1.4	2.6
Trucking and warehousing	69.9	69.2	67.8	.7	2.2
Communication, electric, gas services	89.3	89.2	89.8	.0	- .6
Communication	48.6	48.5	49.6	.0	- 1.0
Electric, gas, and sanitary services	40.7	40.6	40.2	.1	.6
WHOLESALE TRADE	253.2	251.2	243.8	2.0	9.4
Wholesale trade-durable goods	161.2	160.0	155.0	1.2	6.2
Motor vehicles & automotive equipment	25.0	24.7	23.6	.2	1.4
Electrical goods	20.9	20.8	20.3	.1	.6
Machinery, equipment, and supplies	67.9	67.5	65.3	.4	2.6
Wholesale trade-nondurable goods	92.0	91.2	88.8	.9	3.2
Groceries and related products	29.5	29.4	27.5	.1	1.0
RETAIL TRADE	822.0	801.3	771.8	20.6	50.2
General merchandise stores	111.4	110.5	109.4	.9	2.0
Department stores	101.8	100.9	100.0	.8	1.7
Food stores	128.7	127.2	123.2	1.5	5.5
Automotive dealers & service stations	92.5	90.7	86.0	1.9	6.5
Apparel and accessory stores	38.4	37.7	35.7	.7	2.7
Eating and drinking places	291.8	280.2	271.1	11.6	20.9
FINANCE, INSURANCE, AND REAL ESTATE	225.1	223.0	215.3	2.2	9.8
Banking	61.8	61.6	58.7	.2	3.1
Credit agencies other than banks	35.4	35.0	33.6	.4	1.8
Insurance carriers	58.9	58.8	58.1	.1	.8
Life insurance	21.1	21.2	21.8	- .1	- .7
Fire, marine, and casualty insurance	28.3	28.2	27.4	.1	.9
SERVICES	1004.4	982.1	944.0	22.3	60.4
Hotels and other lodging places	33.5	32.5	31.8	1.0	1.6
Personal services	56.8	55.2	53.4	1.6	3.4
Laundry, cleaning, & garment services	18.6	18.2	17.6	.3	1.0
Business services	190.1	185.9	169.1	4.2	21.0
Services to buildings	28.3	28.1	25.6	.2	2.7
Computer and data processing services	18.4	18.0	15.4	.4	3.0
Amusement and recreation services	39.0	30.5	36.7	8.6	2.4
Health services	336.5	335.3	325.7	1.2	10.7
Nursing and personal care facilities	72.3	72.0	69.9	.3	2.4
Hospitals	167.8	167.6	165.2	.2	2.6
Educational services	65.4	66.2	62.8	- .8	2.6
Colleges and universities	36.6	37.2	35.5	- .6	1.1
GOVERNMENT	685.1	688.1	675.4	- 3.0	9.7
Federal government	92.9	93.1	91.7	- .2	1.2
State government	151.6	152.9	149.4	- 1.3	2.2
State government education	81.8	83.1	79.3	- 1.3	2.5
State government, except education	69.8	69.8	70.1	.0	- .3
Local government	440.6	442.2	434.3	- 1.5	6.3
Local government education	258.2	260.4	253.5	- 2.2	4.7
Local government, except education	182.4	181.8	180.8	.6	1.6

See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$481.95	$488.25	$476.28	41.8	42.2	42.0	$11.53	$11.57	$11.34
Durable Goods[e]	505.13	512.48	497.45	42.2	42.6	42.3	11.97	12.03	11.76
Lumber and wood products	281.46	288.48	310.64	39.2	39.9	40.5	7.18	7.23	7.67
Furniture and fixtures	347.36	344.87	324.82	41.6	41.5	40.3	8.35	8.31	8.06
Stone, clay, and glass products	445.36	446.37	440.16	41.7	41.6	42.0	10.68	10.73	10.48
Glass and glassware, pressed or blown	472.04	475.45	456.46	41.7	42.3	39.9	11.32	11.24	11.44
Primary metal industries	546.40	550.78	548.47	41.3	41.6	41.9	13.23	13.24	13.09
Blast furnace and basic steel products	537.74	540.83	526.28	40.1	40.3	39.6	13.41	13.42	13.29
Iron and steel foundries	588.73	610.93	585.95	42.6	43.7	43.5	13.82	13.98	13.47
Nonferrous rolling and drawing	581.28	561.97	621.62	42.0	40.9	43.9	13.84	13.74	14.16
Fabricated metal products	497.03	506.32	505.57	42.3	42.8	42.7	11.75	11.83	11.84
Cutlery, hand tools, and hardware	475.16	508.41	550.31	39.4	41.2	43.4	12.06	12.34	12.68
Fabricated structural metal products	439.30	435.97	411.26	42.9	42.7	40.8	10.24	10.21	10.08
Metal forgings and stampings	627.33	643.92	660.82	43.9	44.5	45.7	14.29	14.47	14.46
Machinery, except electrical	480.95	489.20	470.22	42.3	42.8	42.4	11.37	11.43	11.09
Construction and related machinery	396.79	399.60	401.79	39.6	40.0	40.3	10.02	9.99	9.97
Metalworking machinery	442.80	473.70	444.16	42.7	43.3	42.1	10.37	10.94	10.55
Special industry machinery	451.54	451.31	470.73	42.2	42.1	44.2	10.70	10.72	10.65
General industrial machinery	501.41	510.77	498.10	42.1	42.6	42.5	11.91	11.99	11.72
Office and computing machines	397.52	394.40	352.44	42.2	42.5	39.6	9.42	9.28	8.90
Refrigeration and service machinery	540.51	584.68	567.04	41.9	43.6	44.3	12.90	13.41	12.80
Electric and electronic equipment	452.10	459.80	427.18	41.1	41.8	40.8	11.00	11.00	10.47
Electrical industrial apparatus	446.76	451.41	409.25	40.8	41.0	40.4	10.95	11.01	10.13
Household appliances	467.08	460.49	437.13	40.9	40.5	40.4	11.42	11.37	10.82
Electric lighting and wiring equipment	467.31	455.81	424.27	42.1	41.4	40.6	11.10	11.01	10.45
Communication equipment	497.48	493.73	512.03	41.7	41.7	43.1	11.93	11.84	11.88
Transportation equipment	634.48	644.67	621.53	44.4	44.8	44.3	14.29	14.39	14.03
Motor vehicles and equipment	663.50	678.30	651.28	44.5	45.1	44.7	14.91	15.04	14.57
Aircraft and parts	575.03	564.77	544.00	45.1	44.4	42.6	12.75	12.72	12.77
Instruments and related products	358.89	362.50	344.40	39.7	40.1	40.0	9.04	9.04	8.61
Measuring and controlling devices	347.70	352.80	346.37	38.0	38.6	38.7	9.15	9.14	8.95
Nondurable Goods[f]	427.00	433.46	424.98	40.9	41.4	41.3	10.44	10.47	10.29
Food and kindred products	396.32	395.39	413.00	40.4	40.1	41.3	9.81	9.86	10.00
Meat products	358.40	363.31	369.15	40.0	40.1	40.7	8.96	9.06	9.07
Dairy products	449.16	440.96	435.02	42.9	42.4	43.2	10.47	10.40	10.07
Preserved fruits and vegetables	369.08	371.15	359.39	39.9	39.4	39.8	9.25	9.42	9.03
Bakery products	439.68	425.63	429.00	38.2	37.5	39.0	11.51	11.35	11.00
Beverages	400.88	390.06	408.80	41.2	39.4	41.8	9.73	9.90	9.78
Apparel and other textile products	273.70	273.33	248.57	37.7	37.7	37.1	7.26	7.25	6.70
Paper and allied products	473.44	473.00	458.85	44.0	44.0	43.7	10.76	10.75	10.50
Misc. converted paper products	428.36	431.74	404.89	43.4	44.1	42.8	9.87	9.79	9.46
Paperboard containers and boxes	406.50	402.69	395.85	42.3	41.6	41.8	9.61	9.68	9.47
Printing and publishing	400.43	408.67	386.83	38.1	38.7	38.3	10.51	10.56	10.10
Newspapers	332.98	333.00	323.04	33.6	33.4	33.2	9.91	9.97	9.73
Commercial printing	402.73	412.85	391.25	39.6	40.2	39.6	10.17	10.27	9.88
Chemicals and allied products	507.91	515.10	497.28	41.7	42.5	42.0	12.18	12.12	11.84
Industrial inorganic chemicals	537.66	534.78	552.98	41.2	41.2	43.0	13.05	12.98	12.86
Rubber and misc. plastics products	421.17	438.60	429.17	41.7	43.0	42.2	10.10	10.20	10.17
Tires and inner tubes	616.08	622.89	587.78	45.3	45.7	44.8	13.60	13.63	13.12
Miscellaneous plastics products	403.50	426.13	420.00	41.3	43.0	42.0	9.77	9.91	10.00

See footnotes on page 13.

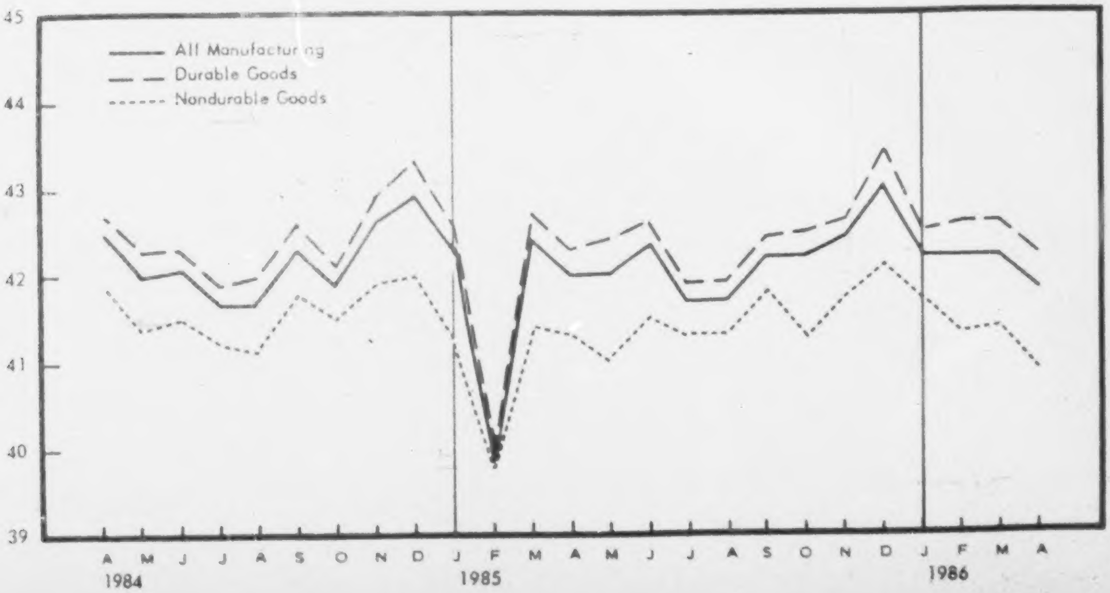
Ohio (continued)

Hours & Earnings of Production or Nonsupervisory Workers[a]

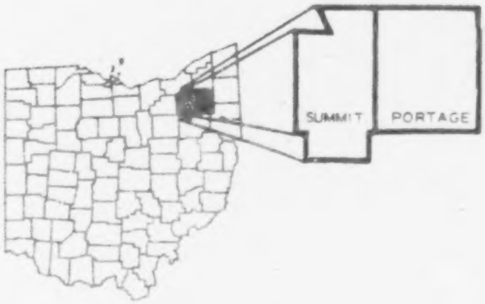
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MINING	$513.74	$507.91	$506.97	43.5	43.3	43.0	$11.81	$11.73	$11.79
Bituminous coal and lignite mining	618.85	614.66	644.34	42.3	42.1	42.7	14.63	14.60	15.09
CONSTRUCTION	583.50	574.93	596.23	38.9	37.7	39.2	15.00	15.25	15.21
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	526.50	529.10	501.39	40.5	40.7	40.5	13.00	13.00	12.38
Communication	515.01	519.30	491.24	39.8	40.1	40.2	12.94	12.95	12.22
Electric, gas, and sanitary services	539.79	541.99	516.19	41.3	41.5	41.0	13.07	13.06	12.59
WHOLESALE TRADE	363.53	360.89	339.11	39.3	39.1	38.8	9.25	9.23	8.74
Wholesale trade-durable goods	361.15	358.66	336.02	39.6	39.5	39.3	9.12	9.08	8.55
Wholesale trade-nondurable goods	367.82	363.47	343.37	38.8	38.3	37.9	9.48	9.49	9.06
RETAIL TRADE[g]	154.50	153.97	155.33	28.4	28.2	28.5	5.44	5.46	5.45
General merchandise stores	176.39	169.80	167.62	29.3	28.3	29.1	6.02	6.00	5.76
Department stores	181.40	174.05	171.70	29.4	28.3	29.2	6.17	6.15	5.88
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	247.63	245.33	230.73	....	....	....	.....	.....	.....
Credit agencies other than banks	247.37	237.98	224.11	....	....	....	.....	.....	.....
Insurance carriers	319.61	319.11	305.92	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	313.29	312.96	303.86	33.4	33.4	33.8	9.38	9.37	8.99

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g] Money payments only, tips not included. [h] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



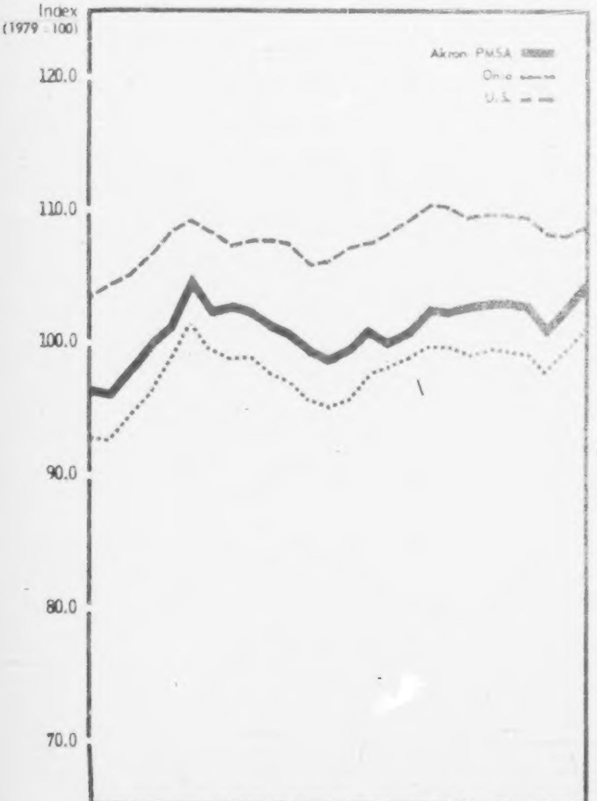
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



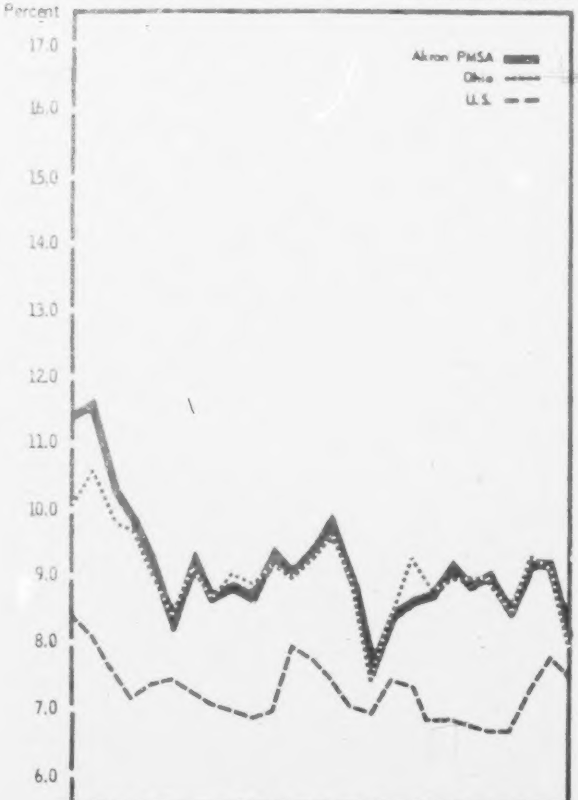
Nonagricultural wage and salary employment in the Akron area totaled 264,600 in April, an increase of 4,000 from March. Employment in nonmanufacturing advanced 4,100 over the month, as seasonal increases occurred in retail trade, services, and construction. Manufacturing was unchanged at 66,500. Production workers averaged 43.0 hours per week, down .5 hours from March. Their average hourly earnings were $11.11, down $.06.

Nonagricultural employment rose 7,600 from April 1985. Employment was up in nearly all nonmanufacturing industries, but especially in services, retail trade, and government. Substantial losses in tires and inner tubes, fabricated metal products, and nonelectrical machinery helped reduce manufacturing employment by 2,100 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



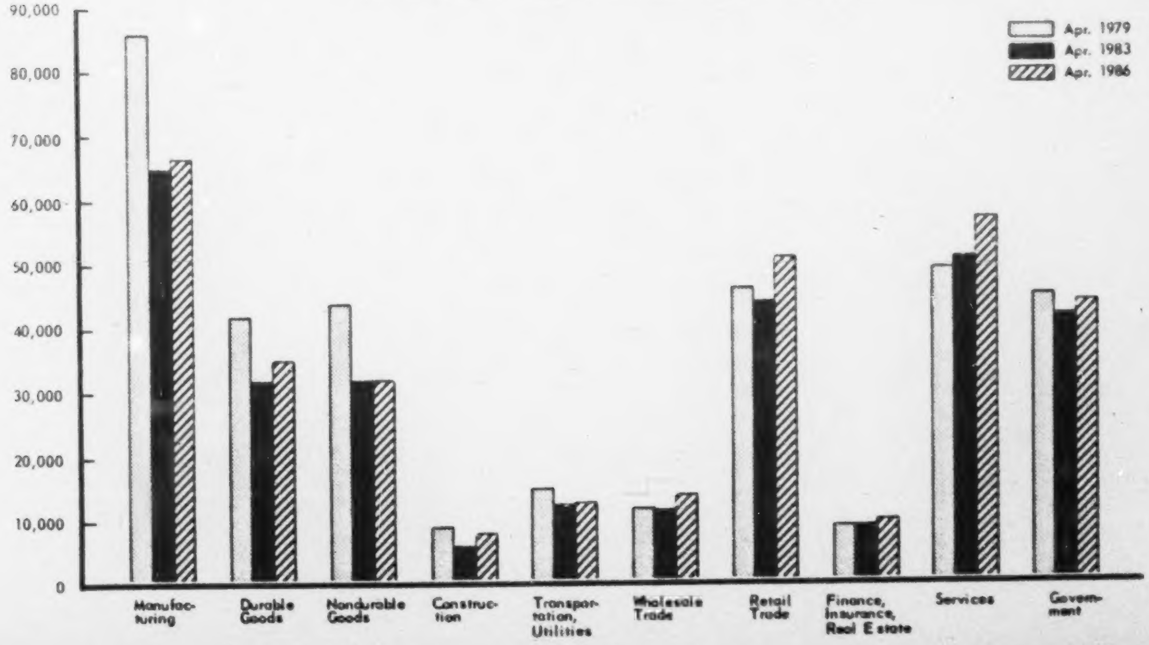
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
314.8	283.7	31.1	9.9	March	253.4	68.3	37.7	489.28	44.0	11.12
315.8	288.3	27.5	8.7	April	257.0	68.6	37.9	479.76	43.3	11.08
302.4	279.6	22.8	7.5	May	261.2	68.7	37.7	472.57	43.0	10.99
314.5	288.0	26.5	8.4	June	257.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.6	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
INA	INA	INA	INA	April	264.6	66.5	36.1	477.73	43.0	11.11

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	264.6	260.6	257.0	4.0	7.6
MANUFACTURING	66.5	66.6	68.6	.0	− 2.1
Durable Goods[e]	34.9	35.1	35.8	− .1	− .9
Fabricated metal products	12.5	12.5	13.1	.0	− .6
Machinery, except electrical	9.2	9.3	9.6	− .1	− .4
Metalworking machinery	3.0	3.1	3.1	.0	− .1
Nondurable Goods[f]	31.6	31.5	32.9	.1	− 1.3
Food and kindred products	2.6	2.6	2.7	.0	− .1
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	21.2	21.1	22.3	.0	− 1.1
Tires and inner tubes	14.3	14.3	15.7	.0	− 1.3
NONMANUFACTURING[g]	198.1	194.0	188.4	4.1	9.7
CONSTRUCTION	8.3	7.1	7.5	1.2	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	12.8	.1	.3
Communication, electric, gas services	5.2	5.2	5.2	.0	.0
WHOLESALE TRADE	14.0	13.8	13.3	.2	.7
RETAIL TRADE	50.9	50.1	48.4	.8	2.5
General merchandise stores	6.5	6.5	6.6	.0	− .1
FINANCE, INSURANCE, AND REAL ESTATE	10.0	9.9	9.5	.1	.5
Banking	3.2	3.2	3.0	.0	.2
SERVICES	57.2	55.3	53.2	1.9	4.1
Business services	11.3	11.0	9.9	.3	1.4
Amusement and recreation services	3.3	2.6	2.6	.7	.7
Health services	17.1	17.0	17.4	.0	− .3
GOVERNMENT	43.9	44.1	43.0	− .2	.9
State government	15.1	15.4	14.8	− .3	.3
State government education	12.3	12.6	12.0	− .3	.3
State government, except education	2.9	2.9	2.8	.0	.0
Local government	26.4	26.4	25.9	.1	.5
Local government education	14.4	14.6	14.0	− .2	.3
Local government, except education	12.0	11.8	11.9	.2	.1

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

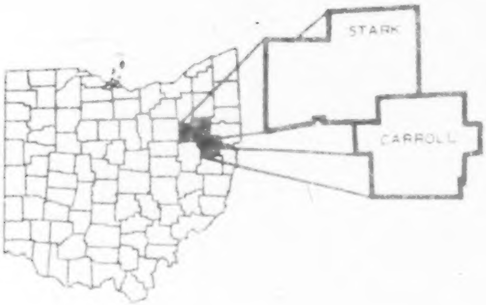
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$477.73	$485.90	$479.76	43.0	43.5	43.3	$11.11	$11.17	$11.08
Durable Goods[e]	499.84	504.95	509.89	44.0	44.1	44.3	11.36	11.45	11.51
Fabricated metal products	618.35	634.34	653.05	45.5	45.9	45.7	13.59	13.82	14.29
Machinery, except electrical	443.78	440.83	419.19	45.1	44.8	44.5	9.84	9.84	9.42
Metalworking machinery	462.74	471.11	420.71	46.6	47.3	44.1	9.93	9.96	9.54
Nondurable Goods[f]	444.47	456.67	434.92	41.5	42.6	41.9	10.71	10.72	10.38
Food and kindred products	440.88	437.00	456.19	40.3	39.8	43.2	10.94	10.98	10.56
Chemicals and allied products	445.54	450.85	432.23	40.8	41.4	40.7	10.92	10.89	10.62
Rubber and misc. plastics products	476.50	492.83	467.83	43.2	44.6	43.6	11.03	11.05	10.73
Tires and inner tubes	695.95	696.92	642.02	48.6	48.6	47.0	14.32	14.34	13.66
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	536.43	536.43	513.26	40.7	40.7	40.8	13.18	13.18	12.58
WHOLESALE TRADE	329.95	331.49	328.25	38.5	38.5	38.8	8.57	8.61	8.46
RETAIL TRADE[h]	180.30	180.60	181.50	29.9	29.9	30.0	6.03	6.04	6.05

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, primary metal industries, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	2,655	2,996	2,961
Active File of Job Seekers	25,879	26,917	29,295
Referrals to Jobs	1,632	1,175	1,346
Placements	283	241	208
Job Openings Received	787	752	658
Job Openings Unfilled	1,140	892	1,846
Unemployment Insurance Program			
Initial Claims	3,002	3,155	3,165
Continued Claims	38,875	40,242	34,500
First Payments	1,232	1,758	1,182
Last Payments	573	497	549
Weeks Compensated	30,142	33,888	27,688
Benefits Paid	$4,441,370	$5,024,687	$3,959,011
Average Weekly Payment	$150.56	$151.53	$146.67

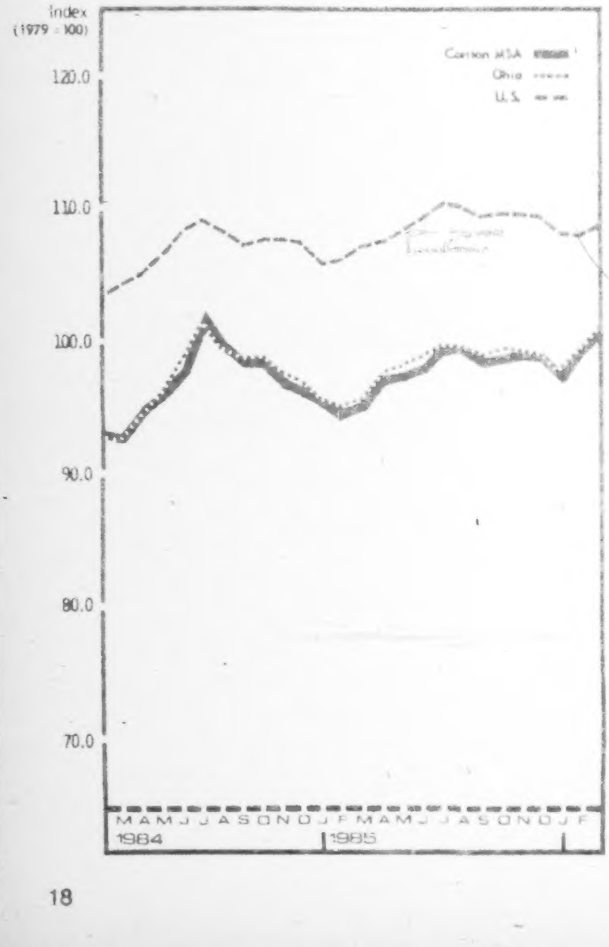
CANTON
METROPOLITAN STATISTICAL AREA



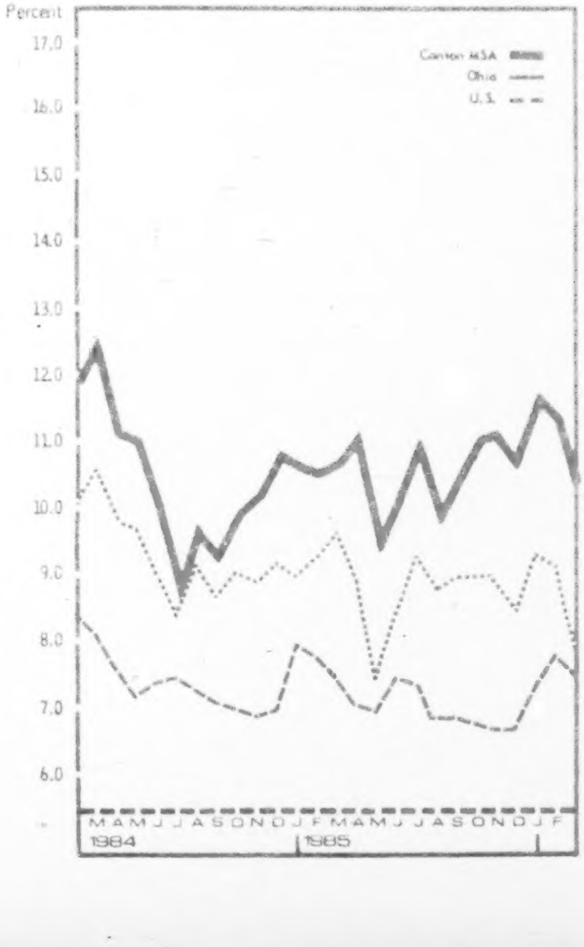
Canton nonagricultural wage and salary employment totaled 155,900 in April, up 2,700 from March. Nonmanufacturing employment rose 2,500 over the month. Seasonal increases in construction, retail trade, and services contributed substantially to the growth. Manufacturing employment increased 200 from March, as slight gains occurred in primary metals and fabricated metal products. Production workers put in a 40.0 hour workweek, down .1 hours from March. Their average hourly earnings were $11.12, dropping $.03 over the month.

Nonfarm employment expanded 4,500 from April 1985. Sizable advances in retail trade and services were largely responsible for the improvement. Manufacturing employment dropped 600 over the year. Losses in fabricated metal products and rubber and miscellaneous plastics products overshadowed the gain in food and kindred products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



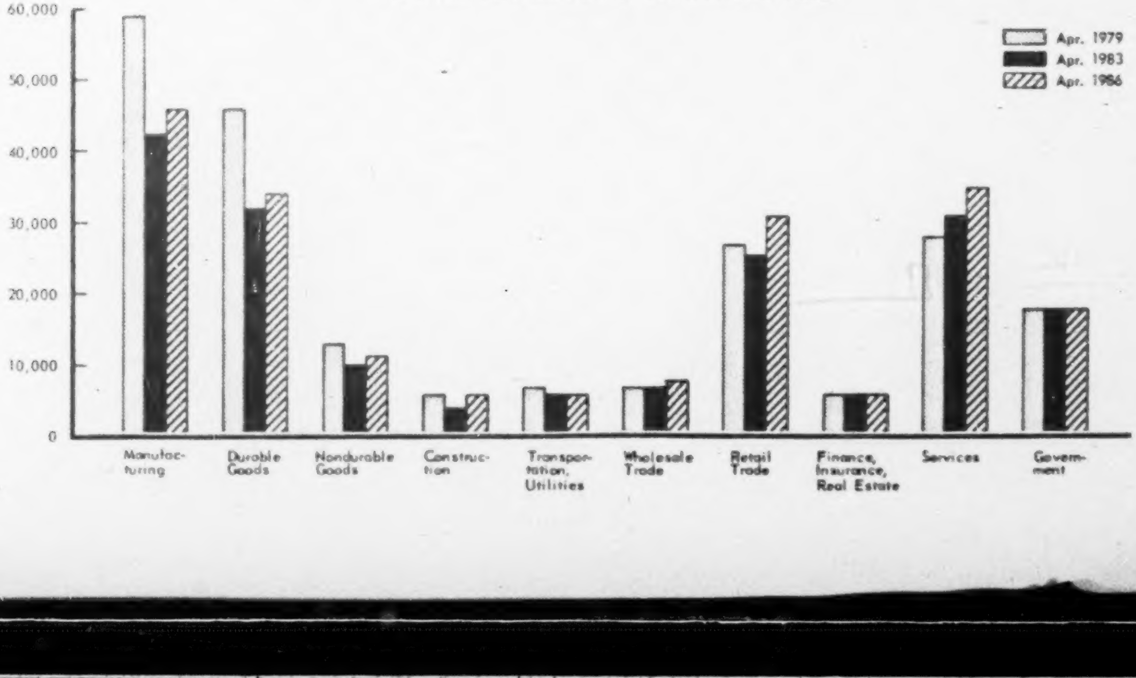
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
185.2	165.3	19.9	10.7	March	148.4	46.2	34.1	435.60	40.0	10.89
190.0	168.9	21.0	11.1	April	151.4	46.5	34.3	427.10	39.4	10.84
187.1	169.5	17.6	9.4	May	152.9	46.5	34.3	435.31	39.9	10.91
189.4	170.3	19.1	10.1	June	153.3	46.7	34.3	434.72	39.7	10.95
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.4	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.8	174.6	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
INA	INA	INA	INA	April	155.9	45.8	32.7	444.80	40.0	11.12

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	155.9	153.2	151.4	2.7	4.5
MANUFACTURING	45.8	45.6	46.5	.2	- .6
Durable Goods[e]	34.3	34.0	35.2	.3	- .9
Primary metal industries	11.3	11.2	11.2	.1	.1
Fabricated metal products	7.0	6.9	7.4	.0	- .4
Metal forgings and stampings	2.5	2.5	2.9	.0	- .4
Nondurable Goods[f]	11.5	11.6	11.3	- .1	.2
Food and kindred products	4.1	4.2	3.8	- .1	.4
Rubber and misc. plastics products	2.7	2.7	2.8	- .1	- .2
NONMANUFACTURING[g]	110.1	107.5	105.0	2.5	5.1
CONSTRUCTION	5.6	4.7	5.3	.9	.3
TRANSPORTATION AND PUBLIC UTILITIES	6.0	5.8	5.9	.2	.1
Communication, electric, gas services	2.7	2.7	2.7	.0	.0
WHOLESALE TRADE	7.7	7.7	7.7	.1	.0
Wholesale trade-durable goods	4.3	4.3	4.3	.1	.0
RETAIL TRADE	30.9	30.2	28.4	.7	2.5
General merchandise stores	3.7	3.7	3.6	.0	.1
Food stores	5.3	5.2	4.9	.1	.5
FINANCE, INSURANCE, AND REAL ESTATE	6.2	6.1	6.0	.1	.2
Banking	1.8	1.8	1.8	.0	.0
SERVICES	34.6	33.9	32.4	.7	2.2
Health services	13.8	13.8	13.8	.0	.0
GOVERNMENT	17.8	17.8	18.2	- .1	- .4
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	14.8	14.8	15.2	- .1	- .4
Local government education	8.7	8.7	9.0	.0	- .3
Local government, except education	6.1	6.1	6.2	.0	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

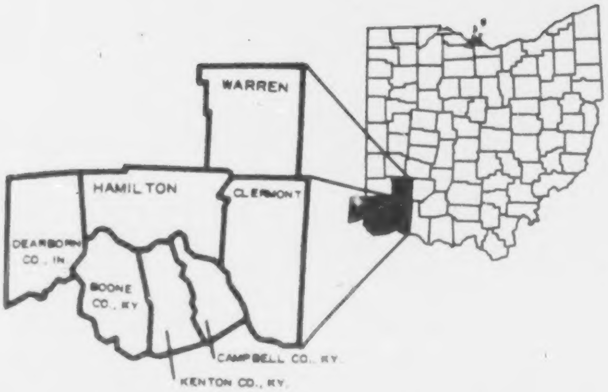
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$444.80	$447.12	$427.10	40.0	40.1	39.4	$11.12	$11.15	$10.84
Durable Goods[e]	464.26	468.59	440.75	40.3	40.5	39.6	11.52	11.57	11.13
Primary metal industries	470.23	472.12	460.32	37.8	37.8	37.7	12.44	12.49	12.21
Fabricated metal products	520.45	545.68	512.40	42.8	43.9	42.7	12.16	12.43	12.00
Metal forgings and stampings	638.14	691.36	637.92	41.6	43.4	42.9	15.34	15.93	14.87
Nondurable Goods[f]	382.40	379.08	382.39	39.1	38.8	38.9	9.78	9.77	9.83
Food and kindred products	407.03	397.95	390.79	39.1	38.9	38.2	10.41	10.23	10.23
Rubber and misc. plastics products	428.98	434.72	438.84	40.7	41.6	42.4	10.54	10.45	10.35
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	515.10	508.13	484.36	40.4	40.2	40.6	12.75	12.64	11.93
WHOLESALE TRADE	354.68	341.28	323.63	37.1	36.0	35.8	9.56	9.48	9.04
RETAIL TRADE[h]	155.84	154.78	157.76	28.7	28.4	29.0	5.43	5.45	5.44

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	1,680	1,504	2,145
Active File of Job Seekers	20,428	20,687	20,705
Referrals to Jobs	1,006	814	1,103
Placements	302	242	280
Job Openings Received	559	364	529
Job Openings Unfilled	400	288	341
Unemployment Insurance Program			
Initial Claims	2,882	3,197	3,537
Continued Claims	31,454	32,836	27,429
First Payments	1,021	1,613	1,320
Last Payments	525	453	434
Weeks Compensated	25,637	28,207	21,667
Benefits Paid	$3,789,645	$4,209,633	$3,150,195
Average Weekly Payment	$151.97	$152.81	$148.94

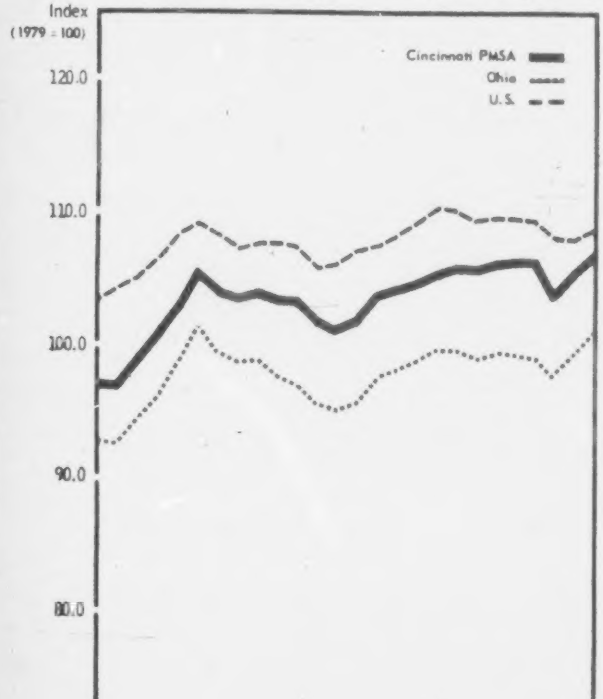
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



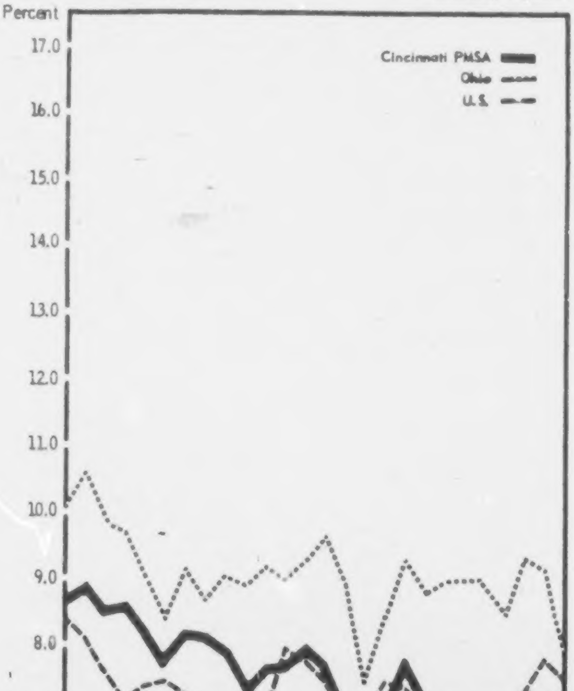
Nonagricultural wage and salary employment in Cincinnati totaled 648,500 in April, up 10,200 from March. Employment in nonmanufacturing increased 10,900. The greatest growth was in services, with seasonal gains in amusement and recreation services and expansion in business services. Construction and retail trade continued to gain employment over the month. Manufacturing employment declined 700 over the month. The most noteworthy loss occurred in food and kindred products. Production workers in manufacturing worked an average of 41.5 hours per week, down .3 hours from March. The average hourly earnings were $10.70, down $.05.

Nonagricultural employment rose 24,400 from April 1985. The growth occurred in nonmanufacturing, with the greatest gains in the retail trade and service industries. Manufacturing registered a slight gain, with increases in transportation equipment offset by declines in several other durable-goods industries. Gains in chemicals and allied products were offset by declines in other nondurable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



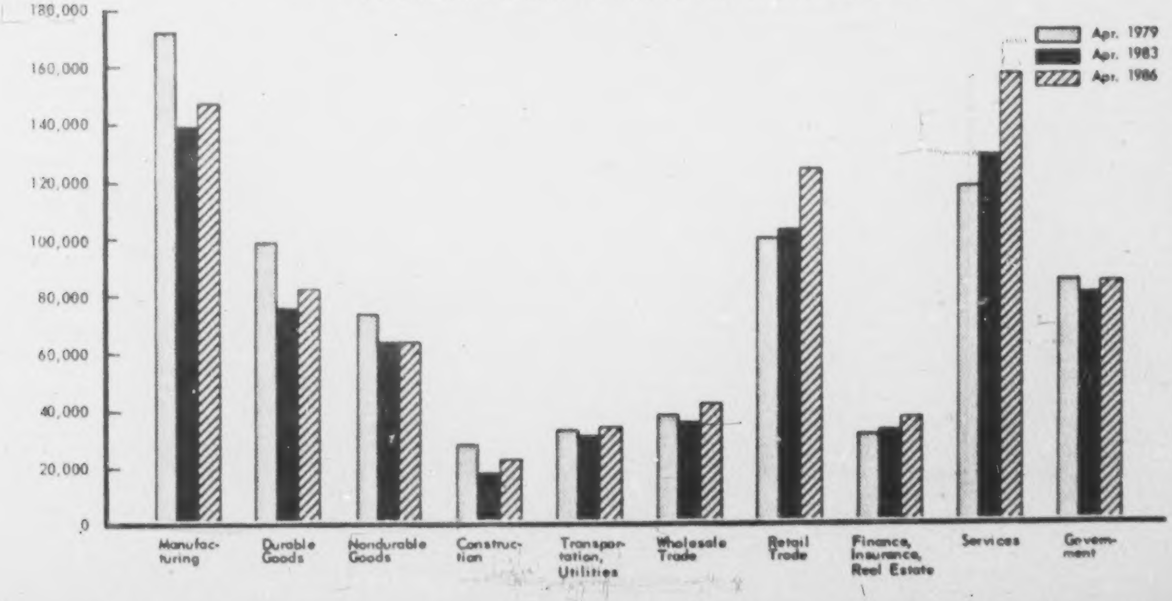
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.8	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
INA	INA	INA	INA	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.2	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
695.6	642.0	53.8	7.7	March	612.7	145.2	96.1	449.53	41.7	10.78
702.2	653.1	49.1	7.0	April	624.1	146.3	96.8	440.43	41.2	10.69
700.7	656.4	44.3	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
708.7	658.2	50.6	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
715.7	663.9	51.8	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
718.1	672.1	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
INA	INA	INA	INA	April	648.5	146.7	94.3	444.05	41.5	10.70

INA-information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	648.5	638.3	624.1	10.2	24.4
MANUFACTURING	145.7	147.3	146.3	-.7	.4
Durable Goods[e]	82.7	82.8	82.6	-.1	.1
Fabricated metal products	10.8	10.9	10.8	-.1	.0
Fabricated structural metal products	3.8	3.8	3.9	.0	-.1
Machinery, except electrical	21.0	21.2	21.8	-.2	-.8
Metalworking machinery	9.1	9.3	9.8	-.2	-.7
General industrial machinery	2.9	2.9	3.1	.0	-.2
Electric and electronic equipment	7.8	7.8	7.9	-.1	-.1
Transportation equipment	28.2	28.1	27.2	.1	1.0
Motor vehicles and equipment	8.8	8.8	10.0	.0	-1.2
Nondurable Goods[f]	64.0	64.6	63.7	-.6	.3
Food and kindred products	12.2	12.7	12.7	-.5	-.5
Beverages	3.6	3.9	4.0	-.3	-.4
Apparel and other textile products	3.4	3.5	3.7	-.1	-.3
Paper and allied products	6.1	6.1	6.1	.0	.0
Printing and publishing	12.2	12.4	12.2	-.2	.0
Commercial printing	5.4	5.5	5.3	-.1	.2
Chemicals and allied products	21.8	21.8	20.9	.0	.9
Rubber and misc. plastics products	5.3	5.2	5.3	.1	.0
NONMANUFACTURING[g]	501.9	491.0	477.8	10.9	24.0
CONSTRUCTION	23.2	21.5	22.4	1.7	.8
TRANSPORTATION AND PUBLIC UTILITIES	33.8	33.4	33.9	.4	-.1
Trucking and warehousing	10.0	9.8	9.7	.2	.3
Communication, electric, gas services	14.6	14.7	14.8	-.1	-.2
WHOLESALE TRADE	42.3	42.1	40.6	.2	1.7
Wholesale trade-durable goods	25.1	24.9	24.2	.2	.9
RETAIL TRADE	123.6	120.9	116.0	2.7	7.6
General merchandise stores	19.8	19.5	18.6	.3	1.2
FINANCE, INSURANCE, AND REAL ESTATE	36.8	36.3	34.8	.5	2.0
Banking	8.1	8.0	7.6	.1	.5
Insurance carriers	11.7	11.7	11.2	.0	.5
SERVICES	157.0	151.9	147.1	5.1	9.8
Hotels and other lodging places	6.5	6.2	6.0	.3	.4
Personal services	8.1	7.9	7.7	.2	.4
Business services	36.6	35.5	31.9	1.1	4.7
Amusement and recreation services	8.3	5.8	8.2	2.5	.1
Health services	46.8	46.7	46.2	.1	.6
GOVERNMENT	84.7	84.4	82.5	.3	2.2
Federal government	13.2	13.1	13.5	.1	-.3
State government	19.7	19.6	18.9	.0	.8
State government education[f]	12.2	12.1	11.6	.1	.6
State government, except education	7.5	7.5	7.3	.0	.2
Local government	51.9	51.7	50.1	.2	1.8
Local government education	29.9	30.0	28.9	-.1	1.0
Local government, except education	22.0	21.7	21.2	.3	.8

Hours & Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$444.05	$449.35	$440.43	41.5	41.8	41.2	$10.70	$10.75	$10.69
Durable Goods[e]	451.26	450.66	434.84	41.9	42.0	41.1	10.77	10.73	10.58
Fabricated metal products	385.81	394.28	394.78	41.0	41.9	41.6	9.41	9.41	9.49
Fabricated structural metal products	414.96	428.48	411.18	42.0	43.5	41.2	9.88	9.85	9.98
Machinery, except electrical	422.15	426.43	395.04	42.3	42.9	40.6	9.98	9.94	9.73
Metalworking machinery	465.38	475.64	437.38	42.5	44.0	40.8	10.95	10.81	10.72
General industrial machinery	427.50	401.45	350.48	45.0	43.4	38.9	9.50	9.25	9.01
Electric and electronic equipment	356.00	366.54	339.95	40.0	41.0	39.3	8.90	8.94	8.65
Transportation equipment	633.24	622.06	607.76	44.5	43.9	42.8	14.23	14.17	14.20
Motor vehicles and equipment	697.54	678.22	644.57	44.6	43.7	43.0	15.64	15.52	14.99
Nondurable Goods[f]	435.42	448.45	448.20	41.0	41.6	41.5	10.62	10.78	10.80
Food and kindred products	444.39	443.36	496.10	41.3	40.9	41.9	10.76	10.84	11.84
Beverages	499.34	486.41	485.81	41.2	40.5	41.7	12.12	12.01	11.65
Apparel and other textile products	215.46	215.34	201.43	38.0	38.8	35.4	5.67	5.55	5.69
Paper and allied products	405.15	390.83	397.28	41.3	40.5	41.6	9.81	9.65	9.55
Printing and publishing	437.97	447.82	423.72	39.0	39.7	39.6	11.23	11.28	10.70
Commercial printing	498.29	511.80	469.36	42.3	42.9	41.1	11.78	11.93	11.42
Chemicals and allied products	522.79	546.80	530.85	42.4	43.5	42.4	12.33	12.57	12.52
Rubber and misc. plastics products	347.24	418.97	393.69	40.9	46.5	45.2	8.49	9.01	8.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	512.23	520.59	489.74	39.8	40.2	39.4	12.87	12.95	12.43
WHOLESALE TRADE	379.49	376.81	366.28	40.5	40.3	39.9	9.37	9.35	9.18
RETAIL TRADE[h]	160.02	157.54	159.49	29.2	28.8	29.7	5.48	5.47	5.37
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	247.61	252.49	236.86	....	....	....	.....	.....	.....

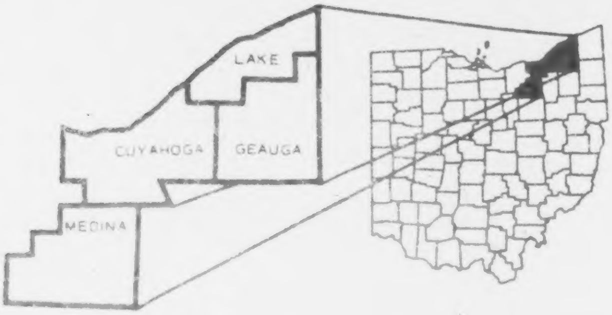
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	4,274	4,558	5,235
Active File of Job Seekers	31,141	31,011	32,419
Referrals to Jobs	2,384	2,440	2,274
Placements	573	674	437
Job Openings Received	1,566	1,438	1,313
Job Openings Unfilled	2,204	1,749	2,605
Unemployment Insurance Program			
Initial Claims	4,544	5,452	4,638
Continued Claims	50,697	53,033	48,850
First Payments	1,904	2,934	1,939
Last Payments	732	772	891
Weeks Compensated	41,129	45,769	40,220
Benefits Paid	$5,963,579	$6,558,019	$5,596,653
Average Weekly Payment	$147.79	$145.63	$142.52

[a]Ohio data only

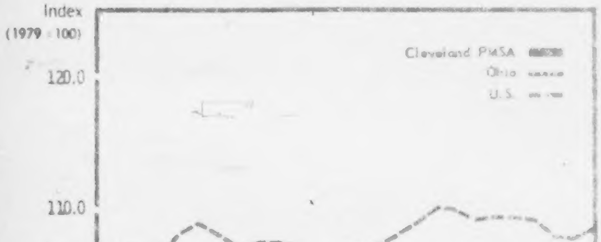
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



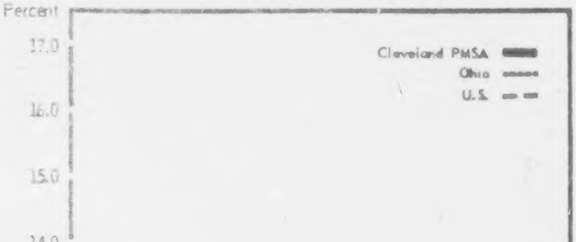
Nonfarm wage and salary employment in the Cleveland area increased 9,800 from March, to 880,700 in April. Manufacturing employment rose 300, as gains in metalworking machinery, fabricated structural metal products, and motor vehicles and equipment counteracted losses in printing and publishing. Nonmanufacturing employment increased 9,500 over the month, reflecting continued growth in construction, retail trade, and services. Production workers in manufacturing earned an average of $11.45 per hour, down $.05. Their average workweek, 42.0 hours, dropped .4 hours from March.

Between April 1985 and April 1986, nonagricultural employment rose 19,100 in the Cleveland area. Although all nonmanufacturing sectors recorded gains over the year, significant increases in services—primarily business services and health services—and in retail trade accounted for most of the growth. Manufacturing employment declined 5,600. Nearly all durable-goods industries registered losses. Greatest declines were noted in metalworking machinery, construction and related machinery, and metal forgings and stampings. Nondurable-goods industries, especially printing and publishing and chemicals and allied products, also showed losses.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



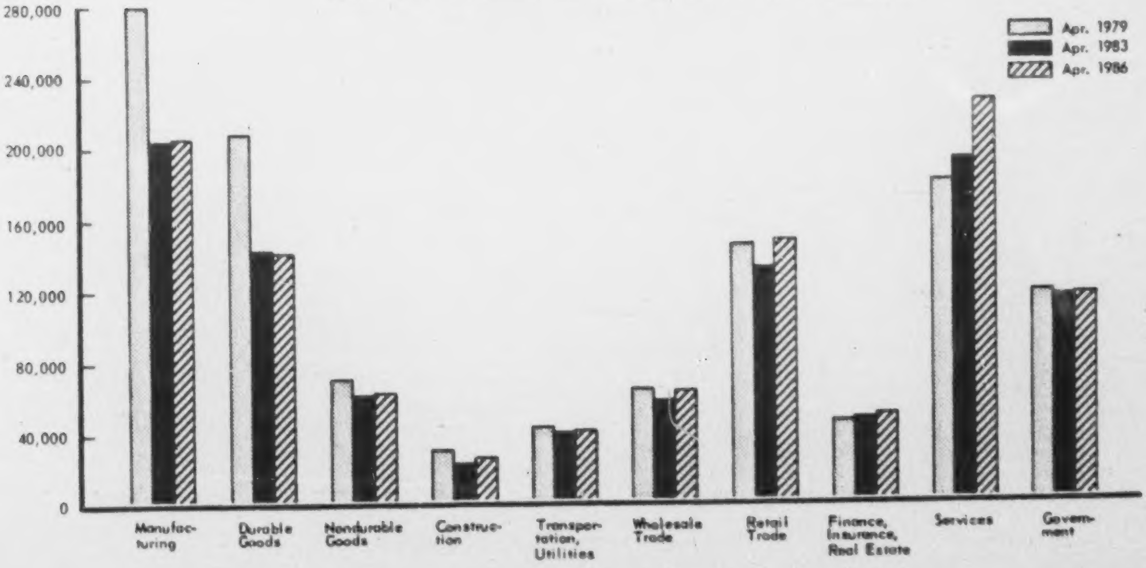
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
908.2	828.3	79.9	8.8	March	851.4	212.3	136.2	468.00	42.2	11.09
915.8	839.0	76.8	8.4	April	861.6	211.3	135.0	464.82	41.8	11.12
908.9	842.7	66.1	7.3	May	870.6	212.0	135.6	469.14	42.0	11.17
926.3	849.3	77.1	8.3	June	876.8	212.3	136.0	472.22	42.2	11.19
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
913.1	837.5	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
932.0	865.7	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
INA	INA	INA	INA	April	880.7	205.7	132.6	480.90	42.0	11.45

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	880.7	870.9	861.6	9.8	19.1
MANUFACTURING	205.7	205.3	211.3	.3	-5.6
Durable Goods[e]	142.0	141.4	146.8	.5	-4.8
Primary metal industries	22.2	22.3	22.6	-.1	-.4
Blast furnace and basic steel products	10.4	10.4	10.7	.0	-.2
Iron and steel foundries	5.5	5.5	5.4	.0	.2
Fabricated metal products	32.5	32.5	33.2	.0	-.7
Fabricated structural metal products	3.9	3.8	3.7	.1	.2
Screw machine products, bolts, etc.	4.7	4.7	4.8	.0	-.1
Metal forgings and stampings	10.9	10.9	11.3	.0	-.4
Machinery, except electrical	31.1	30.8	33.5	.3	-2.4
Construction and related machinery	3.0	3.0	3.8	.0	-.8
Metalworking machinery	9.7	9.3	10.7	.5	-.9
Special industry machinery	3.4	3.4	3.7	.0	-.3
General industrial machinery	2.9	3.1	3.0	-.1	-.1
Electric and electronic equipment	19.1	19.2	20.0	-.1	-.9
Electrical industrial apparatus	6.9	6.9	7.1	.0	-.2
Transportation equipment	19.7	19.6	20.0	.1	-.3
Motor vehicles and equipment	12.6	12.5	12.9	.1	-.3
Instruments and related products	7.7	7.7	7.8	.1	-.1
Measuring and controlling devices	4.2	4.2	4.1	.0	.1
Nondurable Goods[f]	63.7	63.9	64.5	-.2	-.8
Food and kindred products	7.1	7.0	6.8	.0	.3
Apparel and other textile products	4.7	4.7	4.9	.0	-.2
Paper and allied products	5.2	5.2	5.4	.0	-.3
Printing and publishing	15.4	15.6	15.9	-.2	-.5
Chemicals and allied products	13.7	13.6	14.1	.0	-.5
Rubber and misc. plastics products	11.9	11.9	11.7	.0	.2
NONMANUFACTURING[g]	675.0	665.5	650.3	9.5	24.7
CONSTRUCTION	26.8	24.7	26.1	2.2	.8
TRANSPORTATION AND PUBLIC UTILITIES	41.9	41.4	40.8	.5	1.0
Trucking and warehousing	11.7	11.6	11.0	.0	.7
Communication, electric, gas services	18.5	18.5	18.3	.0	.2
WHOLESALE TRADE	64.0	63.8	62.4	.2	1.7
Wholesale trade-durable goods	44.6	44.4	43.6	.3	1.1
RETAIL TRADE	148.1	145.9	143.0	2.2	5.1
General merchandise stores	19.5	19.5	19.9	.0	-.4
FINANCE, INSURANCE, AND REAL ESTATE	50.4	50.0	48.6	.4	1.7
Banking	13.1	13.0	12.6	.0	.5
Credit agencies other than banks	8.1	8.0	7.9	.0	.2
Insurance carriers	11.4	11.5	11.4	-.1	.0
SERVICES	225.9	221.8	211.9	4.1	14.0
Business services	50.1	48.7	44.2	1.4	5.9
Amusement and recreation services	7.4	6.4	7.7	1.0	-.3
Health services	68.7	68.5	66.4	.3	2.4
GOVERNMENT	116.8	116.9	116.3	-.1	.5
Federal government	20.0	19.9	19.9	.2	.1
State government	8.2	8.1	8.3	.1	-.1
State government education	3.1	3.1	3.0	-.1	.0
State government, except education	5.2	5.0	5.3	.2	-.1
Local government	88.5	89.0	88.1	-.4	.4
Local government education	44.7	45.0	44.5	-.3	.2
Local government, except education	43.8	43.9	43.6	-.1	.2

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

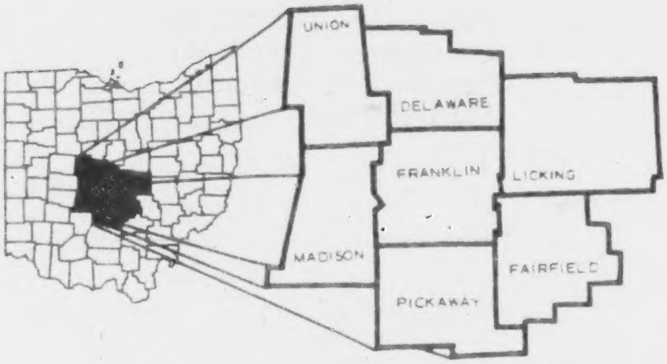
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$480.90	$487.60	$464.82	42.0	42.4	41.8	$11.45	$11.50	$11.12
Durable Goods[e]	515.46	522.52	494.16	42.6	42.9	42.2	12.10	12.18	11.71
Primary metal industries	571.30	584.22	544.00	42.1	42.8	41.4	13.57	13.65	13.14
Blast furnace and basic steel products	511.76	512.13	498.75	37.3	37.3	36.7	13.72	13.73	13.59
Iron and steel foundries	801.71	842.36	775.37	48.5	50.2	48.4	16.53	16.78	16.02
Fabricated metal products	501.93	497.78	493.50	42.9	42.4	43.1	11.70	11.74	11.45
Fabricated structural metal products	404.12	364.65	421.29	43.5	39.0	45.3	9.29	9.35	9.30
Screw machine products, bolts, etc.	436.72	441.27	405.04	42.4	42.8	41.8	10.30	10.31	9.69
Metal forgings and stampings	656.66	654.40	644.78	45.1	45.1	45.6	14.56	14.51	14.14
Machinery, except electrical	475.42	477.12	457.03	42.6	42.6	42.2	11.16	11.20	10.83
Construction and related machinery	394.54	405.54	420.45	41.4	42.2	40.9	9.53	9.61	10.28
Metalworking machinery	404.21	409.24	390.00	40.1	40.2	40.0	10.08	10.18	9.75
Special industry machinery	474.12	464.30	518.90	41.3	40.8	43.9	11.48	11.38	11.82
General industrial machinery	458.58	445.00	428.41	43.1	42.1	43.1	10.64	10.57	9.94
Electric and electronic equipment	415.60	425.66	402.40	40.0	40.5	40.0	10.39	10.51	10.06
Electrical industrial apparatus	443.70	452.18	406.30	40.3	40.7	39.6	11.01	11.11	10.26
Transportation equipment	704.59	723.32	654.21	46.6	47.4	45.4	15.12	15.26	14.41
Motor vehicles and equipment	740.47	766.54	717.80	46.6	47.7	47.1	15.89	16.07	15.24
Instruments and related products	430.43	437.74	403.75	43.0	43.6	42.5	10.01	10.04	9.50
Measuring and controlling devices	415.52	419.99	406.94	42.4	42.9	43.2	9.80	9.79	9.42
Nondurable Goods	392.52	399.49	387.32	40.3	41.1	40.6	9.74	9.72	9.54
Food and kindred products	376.99	366.53	373.41	40.8	40.5	40.5	9.24	9.05	9.22
Apparel and other textile products	278.10	285.77	266.38	36.4	37.7	38.0	7.64	7.58	7.01
Paper and allied products	443.16	444.44	420.26	42.9	42.9	41.9	10.33	10.36	10.03
Printing and publishing	392.77	414.85	385.13	37.3	39.1	37.5	10.53	10.61	10.27
Chemicals and allied products	485.78	476.30	496.94	42.5	42.3	43.1	11.43	11.26	11.53
Rubber and misc. plastics products	365.93	365.93	355.75	42.5	43.0	42.2	8.61	8.51	8.43
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	549.29	554.14	522.59	40.9	41.2	40.7	13.43	13.45	12.84
WHOLESALE TRADE	384.64	379.06	360.12	39.9	39.2	39.4	9.64	9.67	9.14
RETAIL TRADE[h]	172.62	172.50	172.96	27.4	27.6	28.4	6.30	6.25	6.09
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	292.40	283.96	254.49	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. Includes State universities. Excludes the agricultural extension service, and the Ohio Department of Education. Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	6,421	6,496	10,943
Active File of Job Seekers	117,898	122,794	115,311
Referrals to Jobs	2,615	1,705	2,446
Placements	585	369	460
Job Openings Received	1,548	1,005	1,682
Job Openings Unfilled	2,401	1,879	2,966
Unemployment Insurance Program			
Initial Claims	7,554	7,776	8,711
Continued Claims	90,204	98,304	99,039
First Payments	3,183	4,337	3,605
Last Payments	1,601	1,531	1,446
Weeks Compensated	74,866	85,130	75,712
Benefits Paid	$11,325,662	$12,914,826	$11,153,822
Average Weekly Payment	$153.78	$154.17	$149.79

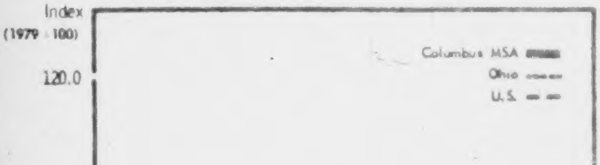
COLUMBUS
METROPOLITAN STATISTICAL AREA



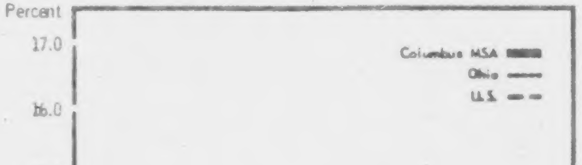
Nonagricultural wage and salary employment in April 1986 was 634,700, up 9,800 from March. Most significant gains were recorded in nonmanufacturing employment, especially in services, retail trade, and construction. Manufacturing employment was little changed over the month, at 105,700. Production workers in manufacturing earned an average of $11.14 per hour, virtually unchanged from the previous month. The average workweek was 41.1 hours, down .2 hours from March.

Nonagricultural employment rose 35,600 from April 1985. The increase occurred in nonmanufacturing, with the largest gains in services and retail trade. Finance, insurance, and real estate, government, and construction also gained workers over the year. Manufacturing employment rose 500 from April 1985. Declines in electric and electronic equipment, fabricated metal products, and nonelectrical machinery nearly offset the gain of 2,800 employees in the transportation equipment industry.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



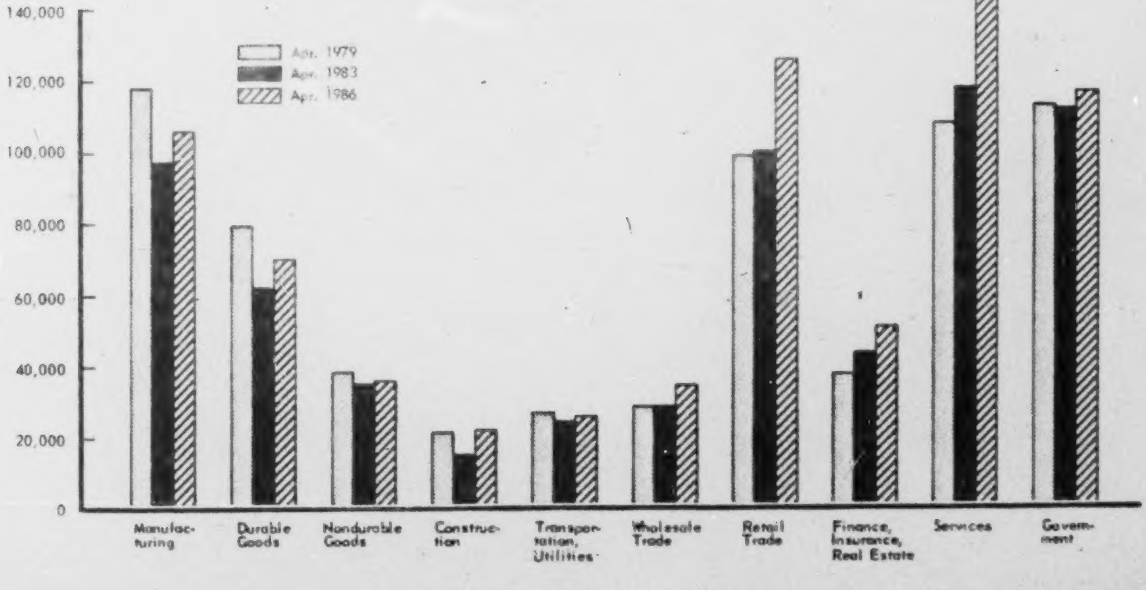
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
636.6	589.9	46.7	7.3	March	589.5	105.2	70.3	452.45	41.7	10.85
644.3	600.5	43.8	6.8	April	599.1	105.2	70.3	441.72	40.9	10.80
640.8	604.3	36.5	5.7	May	606.3	105.7	70.8	433.76	40.5	10.71
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.5	615.3	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.5	627.0	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.1	636.9	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
INA	INA	INA	INA	April	634.7	105.7	70.5	457.85	41.1	11.14

INA information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	634.7	624.9	599.1	9.8	35.6
MANUFACTURING	105.7	105.7	105.2	.0	.5
Durable Goods[e]	69.8	69.9	69.8	-.1	.1
Stone, clay, and glass products	11.6	11.5	11.8	.2	-.1
Glass and glassware, pressed or blown	4.6	4.5	5.0	.1	-.4
Fabricated metal products	9.9	10.0	10.7	-.1	-.8
Fabricated structural metal products	2.9	3.0	3.2	.0	-.2
Machinery, except electrical	9.9	10.0	10.7	-.1	-.8
Electric and electronic equipment	10.7	10.7	11.7	.0	-1.0
Transportation equipment	16.3	16.3	13.5	.0	2.8
Instruments and related products	4.3	4.4	4.2	-.1	.1
Nondurable Goods[f]	35.8	35.7	35.4	.1	.4
Food and kindred products	9.6	9.4	9.8	.1	-.2
Printing and publishing	9.8	9.9	9.3	.0	.5
Chemicals and allied products	6.9	6.8	7.0	.1	.0
Rubber and misc. plastics products	5.1	5.2	5.0	.0	.1
NONMANUFACTURING[g]	529.1	519.3	493.9	9.8	35.1
CONSTRUCTION	22.5	20.5	20.4	2.0	2.1
TRANSPORTATION AND PUBLIC UTILITIES	26.2	25.9	25.8	.3	.3
Trucking and warehousing	11.0	10.9	10.4	.1	.6
Communication, electric, gas services	11.1	11.1	11.4	.0	-.3
WHOLESALE TRADE	34.7	34.4	32.9	.3	1.8
Wholesale trade-durable goods	23.2	23.1	21.8	.2	1.4
RETAIL TRADE	126.4	123.1	115.8	3.2	10.6
General merchandise stores	15.4	15.3	15.4	.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	51.4	50.9	48.3	.5	3.1
Banking	11.0	11.1	10.4	-.1	.6
Insurance carriers	20.2	20.1	19.2	.2	1.0
SERVICES	150.0	146.5	135.6	3.6	14.4
Business services	34.4	33.5	29.4	1.0	5.0
Health services	36.9	36.9	35.4	.0	1.4
GOVERNMENT	117.0	117.1	114.0	-.2	2.9
Federal government	15.6	15.6	15.2	.0	.3
State government	51.7	51.7	50.4	-.1	1.3
State government education	22.6	22.8	21.9	-.2	.7
State government, except education	29.1	28.9	28.5	.2	.6
Local government	49.7	49.8	48.4	-.1	1.3
Local government education	29.9	30.0	29.1	-.1	.8
Local government, except education	19.8	19.8	19.3	.0	.5

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$457.85	$460.50	$441.72	41.1	41.3	40.9	$11.14	$11.15	$10.80
Durable Goods[e]	474.12	475.27	459.41	41.3	41.4	40.8	11.48	11.48	11.26
Stone, clay, and glass products	485.44	490.88	474.66	41.0	41.6	40.5	11.84	11.80	11.72
Glass and glassware, pressed or blown	460.63	461.07	437.28	40.8	41.5	38.8	11.29	11.11	11.27
Fabricated metal products	493.27	514.98	521.25	40.3	41.1	41.6	12.24	12.53	12.53
Fabricated structural metal products	412.70	414.50	369.57	40.5	40.4	38.1	10.19	10.26	9.70
Machinery, except electrical	400.67	397.56	399.40	38.9	38.9	39.9	10.30	10.22	10.01
Electric and electronic equipment	461.96	456.55	457.75	41.1	40.8	41.5	11.24	11.19	11.03
Transportation equipment	559.20	543.84	507.49	44.7	44.0	41.7	12.51	12.36	12.17
Instruments and related products	396.17	395.76	387.73	40.8	40.8	40.9	9.71	9.70	9.48
Nondurable Goods[f]	421.43	427.22	399.34	40.6	41.0	41.0	10.38	10.42	9.74
Food and kindred products	400.20	401.20	374.86	40.1	40.0	39.5	9.98	10.03	9.49
Printing and publishing	491.93	491.57	473.85	39.8	39.9	40.5	12.36	12.32	11.70
Chemicals and allied products	507.60	525.82	472.49	42.3	43.1	42.3	12.00	12.20	11.17
Rubber and misc. plastics products	322.81	342.30	331.35	40.1	42.0	42.7	8.05	8.15	7.76
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	536.80	539.21	518.06	40.3	40.3	40.6	13.32	13.38	12.76
WHOLESALE TRADE	320.95	314.83	296.43	38.3	38.3	38.8	8.38	8.22	7.64
RETAIL TRADE[h]	166.44	165.23	162.38	28.5	28.1	27.9	5.84	5.88	5.82
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	241.11	233.34	243.82	....	....	....	.....	.....	.....

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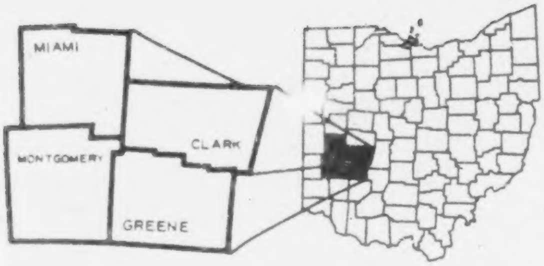
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	5,613	4,896	5,973
Active File of Job Seekers	44,884	44,631	50,209
Referrals to Jobs	2,757	2,166	3,310
Placements	704	567	676
Job Openings Received	2,122	1,530	2,526
Job Openings Unfilled	5,812	5,384	6,434
Unemployment Insurance Program			
Initial Claims	4,773	5,325*	5,478
Continued Claims	47,760	52,585	48,261
First Payments	1,939	2,310	1,954
Last Payments	693	644	676
Weeks Compensated	39,510	45,611	38,468
Benefits Paid	$5,746,860	$6,641,294	$5,393,959
Average Weekly Payment	$148.14	$148.22	$142.85

*Revised

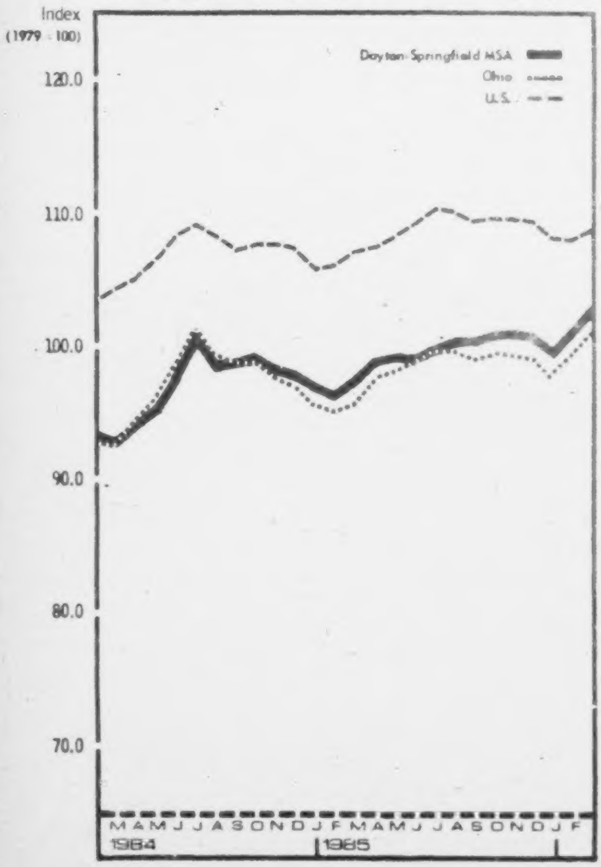
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



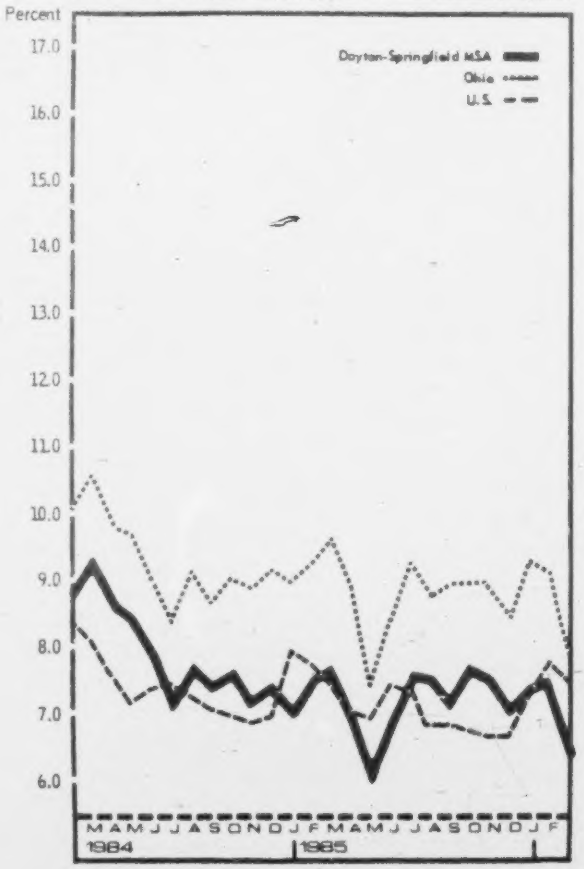
Nonagricultural wage and salary employment in the Dayton-Springfield area totaled 417,100 in April, up 4,000 from March. Employment in nonmanufacturing rose 4,500, with significant increases in retail trade, construction, and services. Manufacturing employment dipped 500, to 104,700 in April, with declines in durable goods, especially nonelectrical machinery. Hourly earnings of factory workers dropped $.15 to $11.98 an hour in April. The average workweek was down 1.0 hour from March, to 42.4 hours in April.

From April 1985 to April 1986, nonagricultural employment rose 11,400. Employment increased in nearly all nonmanufacturing industries, with the largest gains in services, retail trade, and construction. Manufacturing employment declined 1,600 from April 1985. Losses were reported in nonelectrical machinery, electric and electronic equipment, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



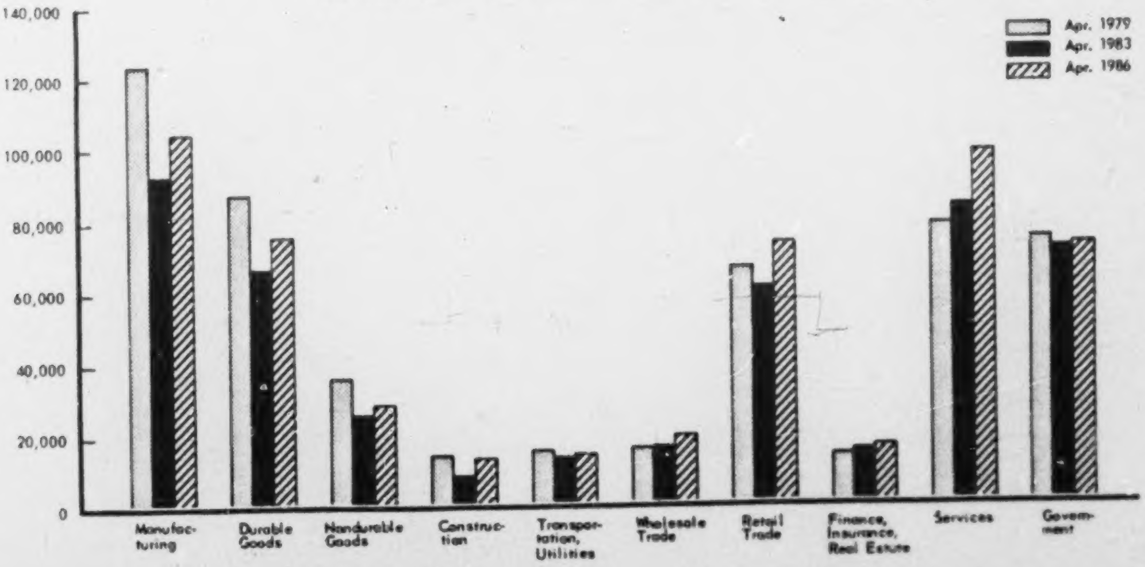
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
442.4	408.4	34.0	7.7	March	401.0	106.3	69.4	505.13	43.1	11.72
444.6	413.8	30.8	6.9	April	405.7	106.3	69.1	511.49	43.2	11.84
441.9	415.4	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.3	415.0	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.2	422.7	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
459.7	430.1	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
INA	INA	INA	INA	April	417.1	104.7	67.7	507.95	42.4	11.98

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Dayton - Springfield MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	417.1	413.1	405.7	4.0	11.4
MANUFACTURING	104.7	105.2	106.3	-.5	-1.6
Durable Goods[e]	75.7	76.0	77.4	-.3	-1.7
Fabricated metal products	8.3	8.3	8.4	.0	-.2
Machinery, except electrical	31.6	31.9	32.8	-.3	-1.2
Metalworking machinery	7.2	7.2	6.9	.0	.3
General industrial machinery	2.4	2.5	2.9	-.1	-.6
Electric and electronic equipment	5.1	5.1	5.5	.0	-.5
Electrical industrial apparatus	2.9	2.9	2.9	.0	-.1
Transportation equipment	21.8	21.8	21.5	-.1	.3
Nondurable Goods[f]	29.1	29.2	28.9	-.2	.1
Food and kindred products	2.9	3.0	2.9	.0	.1
Paper and allied products	5.7	5.8	5.8	-.1	-.1
Printing and publishing	8.4	8.4	8.3	.0	.1
Rubber and misc. plastics products	8.4	8.4	8.3	.0	.1
NONMANUFACTURING[g]	312.4	307.9	299.4	4.5	13.0
CONSTRUCTION	14.2	12.6	12.8	1.6	1.4
TRANSPORTATION AND PUBLIC UTILITIES	15.0	14.7	14.3	.2	.7
Communication, electric, gas services	5.9	5.9	6.1	.0	-.2
WHOLESALE TRADE	19.9	19.7	19.0	.2	.9
Wholesale trade-durable goods	13.5	13.4	12.9	.1	.6
RETAIL TRADE	73.9	72.0	69.4	1.8	4.5
General merchandise stores	11.0	10.8	11.0	.2	.0
FINANCE, INSURANCE, AND REAL ESTATE	16.8	16.7	16.5	.1	.4
Banking	4.2	4.2	4.1	.0	.1
Credit agencies other than banks	4.5	4.5	4.2	.0	.3
Insurance carriers	2.7	2.7	3.1	.0	-.4
SERVICES	99.1	97.9	94.3	1.2	4.8
Business services	22.9	22.3	19.8	.6	3.1
Health services	33.7	33.7	33.4	-.1	.2
Educational services	7.2	7.4	7.5	-.2	-.3
GOVERNMENT	73.2	73.9	72.8	-.7	.4
Federal government	27.7	28.3	27.5	-.6	.2
State government	6.8	6.8	6.6	-.1	.1
State government education	4.2	4.3	4.0	-.1	.2
State government, except education	2.6	2.6	2.6	.0	.0
Local government	38.8	38.8	38.6	.0	.1
Local government education	24.6	24.8	24.3	-.2	.3
Local government, except education	14.2	14.0	14.4	.2	-.2

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

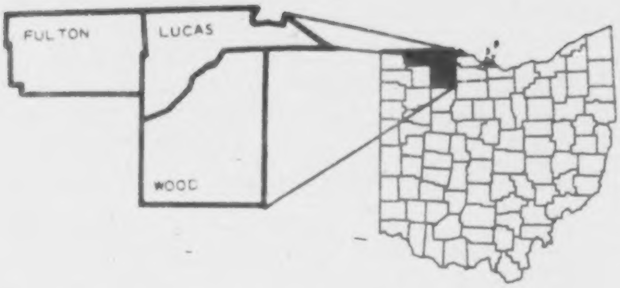
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$507.95	$526.44	$511.49	42.4	43.4	43.2	$11.98	$12.13	$11.84
Durable Goods[e]	521.00	540.13	516.57	42.6	43.7	43.3	12.23	12.36	11.93
Fabricated metal products	366.96	372.41	344.74	39.8	40.7	39.9	9.22	9.15	8.64
Machinery, except electrical	518.30	559.57	546.11	41.9	44.2	44.8	12.37	12.66	12.19
Metalworking machinery	503.80	541.02	539.35	44.0	46.4	46.9	11.45	11.66	11.50
General industrial machinery	387.34	405.20	421.82	37.9	40.0	41.6	10.22	10.13	10.14
Electric and electronic equipment	391.87	383.35	370.86	41.6	41.0	42.0	9.42	9.35	8.83
Electrical industrial apparatus	436.72	436.72	410.83	42.4	42.4	43.2	10.30	10.30	9.51
Transportation equipment	662.97	669.41	635.97	45.1	45.2	43.5	14.70	14.81	14.62
Nondurable Goods[f]	467.17	489.34	499.53	41.6	42.7	43.1	11.23	11.46	11.59
Food and kindred products	371.42	393.62	372.27	43.8	45.4	39.9	8.48	8.67	9.33
Paper and allied products	466.80	459.68	432.37	45.9	45.2	44.3	10.17	10.17	9.76
Printing and publishing	410.11	421.61	404.24	38.4	39.7	39.4	10.68	10.62	10.26
Rubber and misc. plastics products	577.73	623.42	672.34	40.8	42.7	45.8	14.16	14.60	14.68
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	518.36	535.70	515.77	39.6	40.4	40.2	13.09	13.26	12.83
WHOLESALE TRADE	372.72	371.70	365.16	39.4	39.5	40.8	9.46	9.41	8.95
RETAIL TRADE[h]	159.64	156.06	154.41	29.4	28.9	28.7	5.43	5.40	5.38

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	2,872	3,255	4,637
Active File of Job Seekers	29,888	25,451	32,349
Referrals to Jobs	1,649	1,164	2,285
Placements	233	217	360
Job Openings Received	1,034	756	1,034
Job Openings Unfilled	1,378	1,041	1,601
Unemployment Insurance Program			
Initial Claims	2,759	2,815	2,886
Continued Claims	33,102	37,321	31,857
First Payments	1,328	1,494	1,130
Last Payments	690	527	558
Weeks Compensated	28,419	33,408	25,075
Benefits Paid	$3,941,845	$4,695,761	$3,279,710
Average Weekly Payment	$141.35	$142.92	$133.56

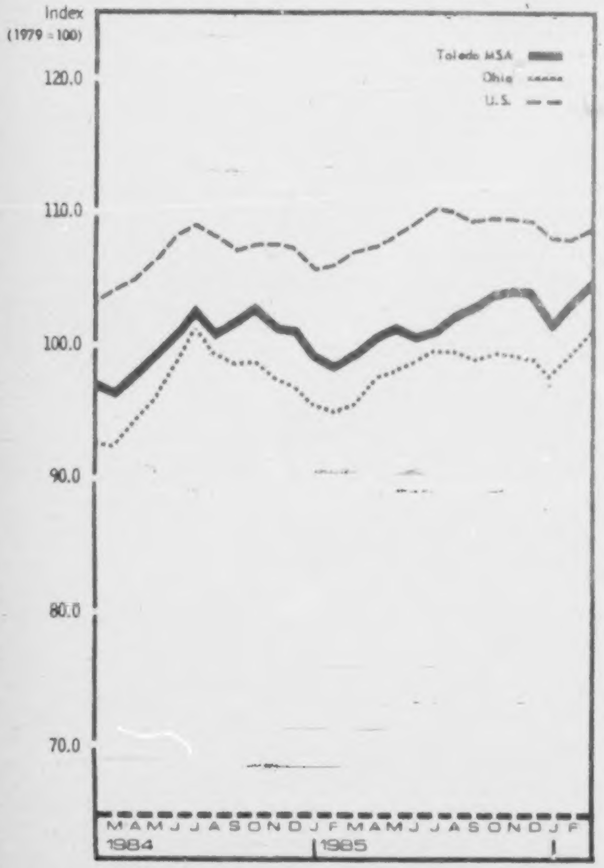
TOLEDO METROPOLITAN STATISTICAL AREA



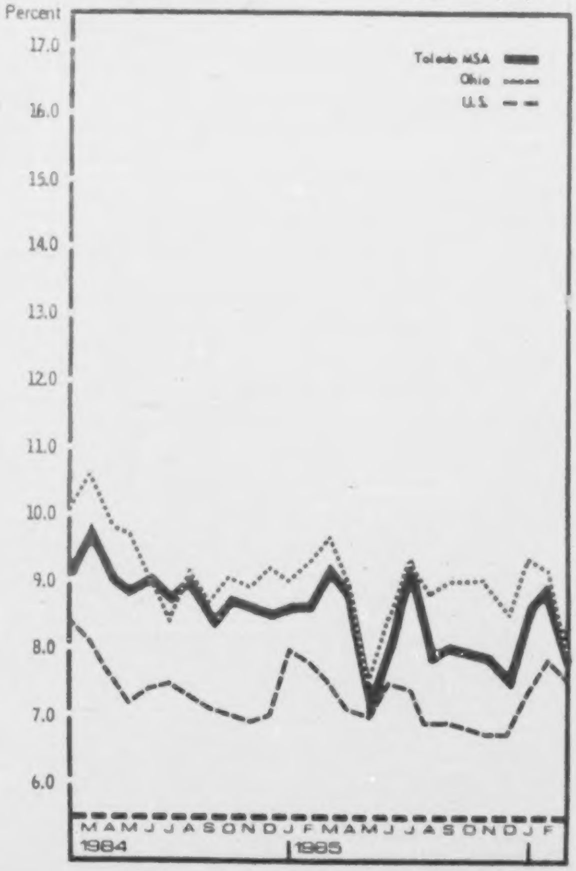
Toledo nonagricultural wage and salary employment in April 1986 was 270,800, an increase of 4,300 from the previous month. In nonmanufacturing, services and retail trade had the largest increases, up 1,600 and 1,100, respectively. Manufacturing employment increased by 600 workers, to an April level of 63,600, as workers returned following a labor-management dispute in electric and electronic equipment. Production workers in manufacturing worked an average of 42.3 hours per week in April, down .4 hours. They earned $12.47 an hour, up $.06 from last month.

Since April 1985, Toledo nonagricultural wage and salary employment has increased by 9,000. The increase occurred in nonmanufacturing, with largest gains in services and retail trade, increasing by 4,000 and 3,200 workers, respectively. Other sectors showing improvement were finance, insurance, and real estate, government, and construction. Producers of rubber and miscellaneous plastics products reported additions to their workforces, while the number of workers in most durable-goods industries decreased.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



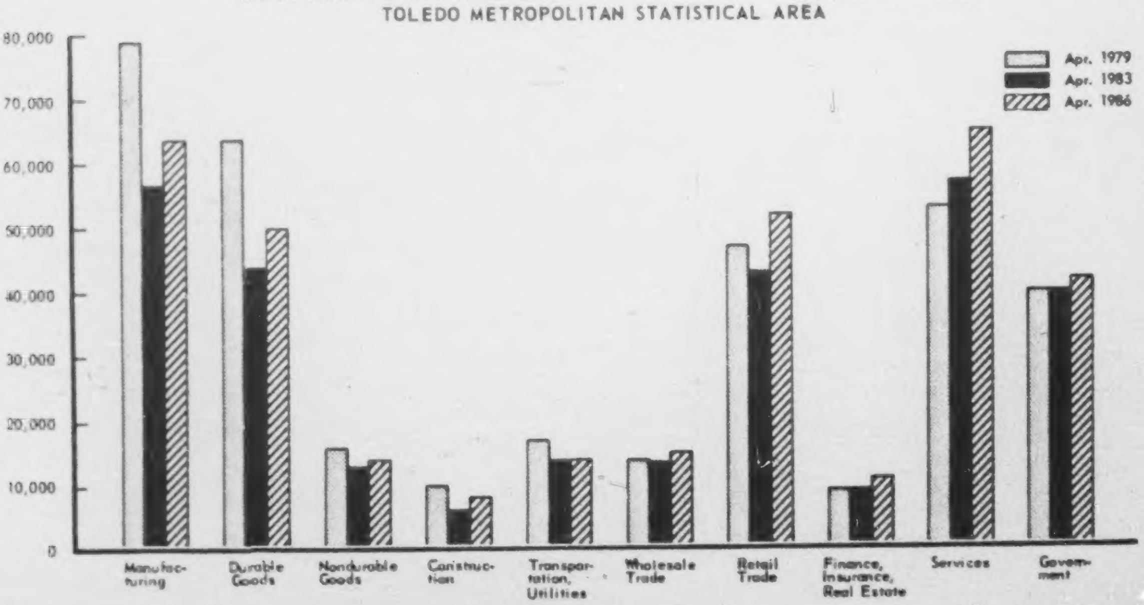
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
292.9	265.9	27.1	9.2	March	259.1	65.0	45.5	519.23	42.7	12.16
294.6	269.1	25.5	8.7	April	261.8	64.7	45.4	507.83	41.9	12.12
291.1	270.8	20.3	7.0	May	264.9	64.8	45.6	513.15	42.2	12.16
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
303.7	280.0	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
INA	INA	INA	INA	April	270.8	63.6	44.2	527.48	42.3	12.47

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Toledo MSA

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	270.8	266.5	261.8	4.3	9.0
MANUFACTURING	63.6	63.0	64.7	.6	- 1.1
Durable Goods[e]	49.6	48.8	50.8	.8	- 1.3
Stone, clay, and glass products	8.8	8.7	8.7	.1	.0
Primary metal industries	3.5	3.5	3.6	.0	- .1
Fabricated metal products	7.7	7.8	8.0	- .1	- .3
Metal forgings and stampings	3.5	3.6	3.7	- .1	- .2
Machinery, except electrical	6.0	6.0	6.1	.0	- .1
Electric and electronic equipment	2.8	1.9[j]	3.2	.9	- .5
Transportation equipment	17.0	17.1	17.3	- .2	- .3
Motor vehicles and equipment	16.0	16.1	16.2	- .2	- .2
Nondurable Goods[f]	14.0	14.2	13.8	- .2	.2
Food and kindred products	3.6	3.7	3.6	- .2	.0
Rubber and misc. plastics products	3.1	3.1	2.8	.0	.3
NONMANUFACTURING[g]	207.3	203.5	197.1	3.7	10.1
CONSTRUCTION	8.3	7.8	7.6	.4	.7
TRANSPORTATION AND PUBLIC UTILITIES	13.9	13.6	13.9	.3	.0
Trucking and warehousing	5.5	5.4	5.4	.1	.1
Communication, electric, gas services	4.8	4.8	4.7	.0	.1
WHOLESALE TRADE	15.2	15.0	14.9	.2	.3
Wholesale trade-durable goods	10.0	10.0	10.0	.1	.0
RETAIL TRADE	51.9	50.9	48.7	1.1	3.2
General merchandise stores	6.8	6.7	6.9	.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.0	10.8	9.9	.2	1.1
Banking	3.6	3.6	3.3	.0	.3
SERVICES	64.9	63.3	60.9	1.6	4.0
Business services	11.8	11.6	10.1	.3	1.7
Health services	25.1	25.0	24.2	.2	.9
GOVERNMENT	41.9	41.9	41.1	.0	.8
State government	15.8	15.9	15.5	- .1	.3
State government education[h]	11.9	12.0	11.6	- .1	.3
State government, except education	3.9	3.9	3.9	.0	.0
Local government	23.5	23.5	23.1	.0	.4
Local government education	13.7	13.8	13.4	- .1	.3
Local government, except education	9.8	9.7	9.7	.1	.1

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

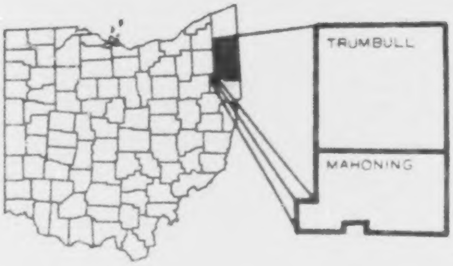
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$527.48	$529.91	$507.83	42.3	42.7	41.9	$12.47	$12.41	$12.12
Durable Goods[e]	553.37	559.87	529.20	42.6	43.2	42.1	12.99	12.96	12.57
Stone, clay, and glass products	563.94	568.20	512.93	44.3	44.6	41.6	12.73	12.74	12.33
Primary metal industries	490.85	508.72	510.39	43.4	44.9	47.7	11.31	11.33	10.70
Fabricated metal products	490.05	493.64	467.90	41.6	42.3	40.9	11.78	11.67	11.44
Metal forgings and stampings	575.51	580.72	565.88	42.1	42.7	43.0	13.67	13.60	13.16
Machinery, except electrical	457.47	466.35	430.54	41.4	41.9	41.2	11.05	11.13	10.45
Electric and electronic equipment	509.57	493.54	498.98	38.4	41.3	40.8	13.27	11.95	12.23
Transportation equipment	653.60	657.50	624.54	43.0	43.2	42.0	15.20	15.22	14.87
Motor vehicles and equipment	656.18	658.57	629.40	43.0	43.1	42.1	15.26	15.28	14.95
Nondurable Goods[f]	434.48	426.62	420.02	41.3	41.1	41.3	10.52	10.38	10.17
Food and kindred products	467.43	461.30	470.61	40.4	40.5	42.9	11.57	11.39	10.97
Rubber and misc. plastics products	344.86	337.01	343.68	41.6	41.3	42.8	8.29	8.16	8.03
TRANSPORTATION AND PUBLIC UTILITIES	……	……	……	….	….	….	…..	…..	…..
Communication, electric, gas services	578.85	585.42	521.97	42.5	42.7	41.1	13.62	13.71	12.70
WHOLESALE TRADE	361.23	348.52	301.20	38.8	37.8	35.9	9.31	9.22	8.39
RETAIL TRADE[h]	153.41	151.62	159.72	29.0	26.5	29.2	5.29	5.32	5.47

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	2,469	2,475	2,457
Active File of Job Seekers	27,379	26,929	30,344
Referrals to Jobs	1,048	1,079	1,584
Placements	266	321	300
Job Openings Received	482	492	582
Job Openings Unfilled	557	621	1,063
Unemployment Insurance Program			
Initial Claims	8,690	3,621	4,943
Continued Claims	42,814	35,926	31,386
First Payments	1,763	2,398	1,138
Last Payments	357	349	474
Weeks Compensated	30,504	32,544	24,852
Benefits Paid	$4,646,228	$4,951,162	$3,573,015
Average Weekly Payment	$156.12	$154.88	$148.00

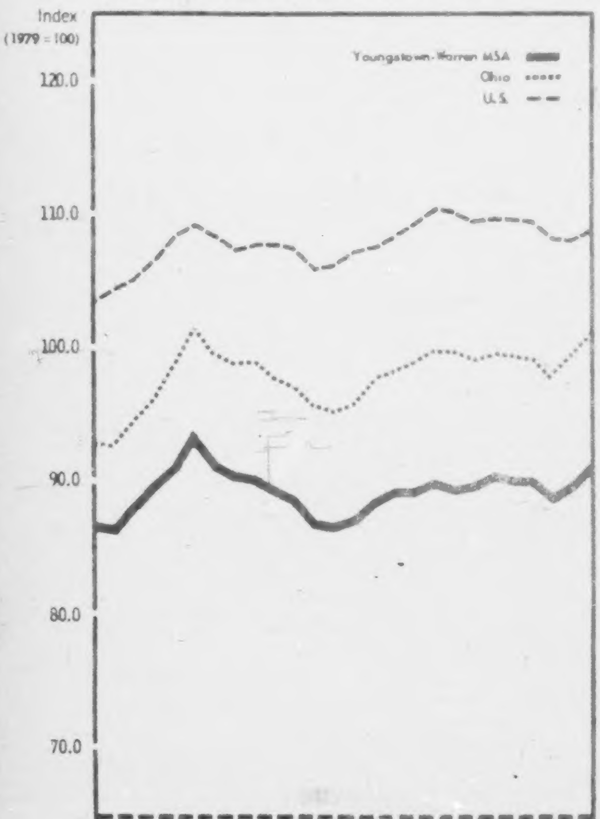
YOUNGSTOWN - WARREN
METROPOLITAN STATISTICAL AREA



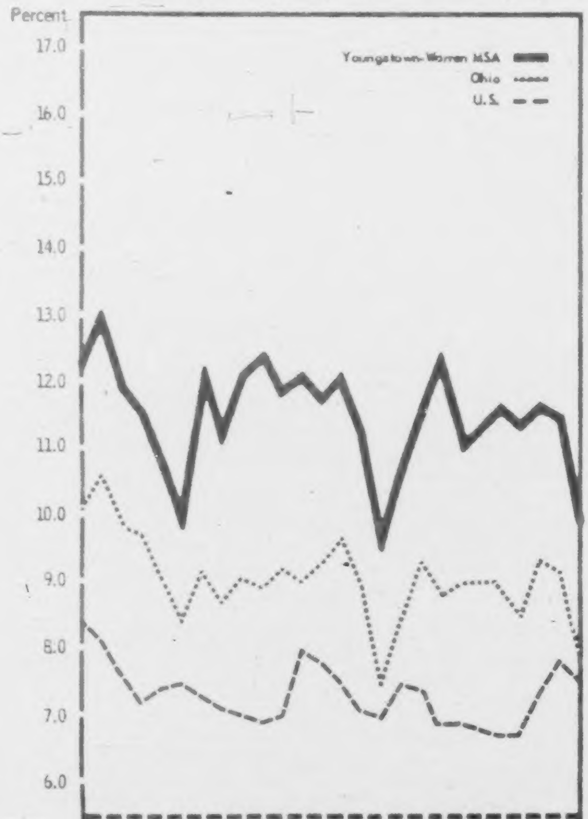
Nonagricultural wage and salary employment in the Youngstown-Warren area totaled 187,100 in April, an increase of 2,600 over the March level. The improvement occurred in nonmanufacturing, with services, retail trade, and construction showing the greatest improvement. Manufacturing employment dropped 200, to 51,400 in April. The decline occurred in primary metals. Production workers in manufacturing earned $13.19 per hour, down $.15. They had an average workweek of 41.1 hours, down .1 hours from March.

From April 1985, nonagricultural wage and salary employment in the Youngstown-Warren area rose 4,200. The increase occurred chiefly in nonmanufacturing, with retail trade and services showing the greatest gains. In manufacturing, the increase of 1,200 workers in transportation equipment was more than offset by losses in primary metals, nonelectrical machinery, and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



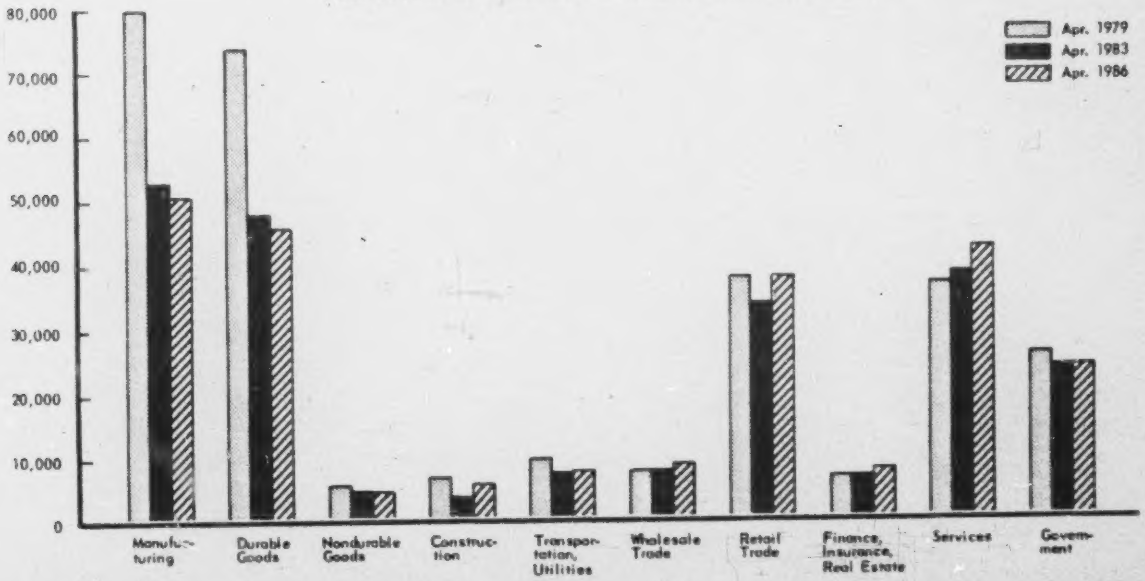
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
217.7	191.3	26.4	12.1	March	180.5	53.0	40.4	558.99	42.9	13.03
218.6	194.2	24.4	11.2	April	182.9	52.9	40.3	551.59	42.3	13.04
216.4	195.9	20.5	9.5	May	185.7	52.8	40.1	579.88	43.6	13.30
219.3	195.8	23.4	10.7	June	185.2	52.8	39.9	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.1	25.4	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.7	199.6	22.1	9.9	March	184.5	51.6	38.5	549.61	41.2	13.34
INA	INA	INA	INA	April	187.1	51.4	38.4	542.11	41.1	13.19

INA Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown - Warren MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	April 1986[b]	March 1986[c]	April 1985[c]	From Last Month	From Last Year
TOTAL	187.1	184.5	182.9	2.6	4.2
MANUFACTURING	51.4	51.6	52.9	- .2	- 1.4
Durable Goods[e]	46.3	46.5	47.7	- .2	- 1.4
Primary metal industries	20.1	20.2	21.1	- .2	- 1.1
Blast furnace and basic steel products	6.8	6.8	7.2	.0	- .5
Fabricated metal products	7.5	7.4	8.0	.1	- .5
Machinery, except electrical	3.3	3.3	4.1	.0	- .8
Electric and electronic equipment	2.4	2.3	2.5	.0	- .1
Transportation equipment	9.9	9.9	8.7	.0	1.2
Nondurable Goods[f]	5.1	5.1	5.2	.0	.0
NONMANUFACTURING[g]	135.6	132.9	130.1	2.8	5.6
CONSTRUCTION	6.2	5.4	5.6	.8	.6
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.5	7.5	.1	.1
Communication, electric, gas services	3.0	3.0	3.1	.0	- .1
WHOLESALE TRADE	9.2	9.1	8.6	.2	.6
Wholesale trade-durable goods	6.2	6.1	5.7	.2	.5
RETAIL TRADE	37.8	36.9	36.0	.8	1.7
General merchandise stores	5.5	5.4	5.7	.0	- .2
FINANCE, INSURANCE, AND REAL ESTATE	7.8	7.7	7.3	.1	.5
Banking	2.6	2.6	2.5	.0	.1
SERVICES	42.5	41.6	40.9	.9	1.6
Health services	17.9	17.7	18.1	.1	- .2
GOVERNMENT	23.7	23.9	23.4	- .2	.3
State government	4.0	4.1	3.8	- .2	.2
State government education	2.5	2.7	2.3	- .2	.2
State government, except education	1.5	1.4	1.5	.0	.0
Local government	17.8	17.8	17.6	.0	.2
Local government education	11.4	11.5	11.3	- .1	.1
Local government, except education	6.4	6.4	6.3	.0	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1986[b]	March 1986[c]	April 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]	Apr. 1986[b]	Mar. 1986[c]	Apr. 1985[c]
MANUFACTURING	$542.11	$549.61	$551.59	41.1	41.2	42.3	$13.19	$13.34	$13.04
Durable Goods[e]	559.62	566.35	569.56	41.3	41.4	42.6	13.55	13.68	13.37
Primary metal industries	548.02	541.88	582.74	39.2	38.9	41.3	13.98	13.93	14.11
Blast furnace and basic steel products	497.17	505.30	496.46	36.8	37.1	37.3	13.51	13.62	13.31
Fabricated metal products	554.60	575.61	601.24	40.9	41.5	43.6	13.56	13.87	13.79
Machinery, except electrical	469.58	468.23	471.01	41.3	41.4	41.1	11.37	11.31	11.46
Electric and electronic equipment	417.56	405.47	433.19	40.5	39.1	41.1	10.31	10.37	10.54
Transportation equipment	687.96	726.48	659.37	45.5	46.9	46.5	15.12	15.49	14.18
Nondurable Goods[f]	359.20	359.52	354.90	39.3	38.7	39.0	9.14	9.29	9.10
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	518.33	522.37	498.16	40.4	40.4	40.6	12.83	12.93	12.27
WHOLESALE TRADE	338.52	329.57	301.99	38.6	38.1	37.1	8.77	8.65	8.14
RETAIL TRADE[h]	163.54	164.16	162.43	29.1	28.8	28.8	5.62	5.70	5.64

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products, apparel and other textile products, paper and allied products; printing and publishing, chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	April 1986	March 1986	April 1985
Employment Service Program			
New Applicants	2,285	2,626	2,898
Active File of Job Seekers	34,919	35,070	37,055
Referrals to Jobs	1,661	1,202	2,184
Placements	490	272	497
Job Openings Received	753	492	735
Job Openings Unfilled	634	491	775
Unemployment Insurance Program			
Initial Claims	5,316	4,836	4,317
Continued Claims	30,859	32,124	26,805
First Payments	1,233	1,534	1,091
Last Payments	534	440	617
Weeks Compensated	26,552	29,202	22,876
Benefits Paid	$3,820,027	$4,229,997	$3,357,940
Average Weekly Payment	$147.63	$148.02	$150.80

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

Activity	April 1986	March 1986	April 1985
New Applicants	46,033	47,262	55,350
Active File of Job Seekers	447,885	452,976	469,896
Counseling Interviews	2,313	2,291	2,514
Tests Administered	3,593	3,767	3,036
General Aptitude Tests ..	1,536	398	576
Proficiency Tests	995	605	1,207
Specific Aptitude Tests .	768	2,185	1,070
Referrals to Jobs	27,392	22,824	26,684
Placements	6,480	5,167	6,048
Job Openings Received	14,674	10,918	13,634
Job Openings Unfilled	22,248	18,390	23,632

Selected Unemployment Insurance Activities

Activity	April 1986	March 1986	April 1985
Initial Claims	59,632	56,732	62,380
Continued Claims	579,015	620,104	577,110
First Payments	21,357	29,308	21,391
Last Payments	9,478	8,582	9,633
Average Weekly Claimants ..	126,978	149,729	128,967
Average Weekly Benefit Recipients	111,554	134,531	112,022
Weeks Compensated	478,281	548,101	454,816
Benefits Paid	$70,374,566	$80,968,441	$65,327,167
Average Weekly Payment	$150.42	$150.71	$147.02
Continued Claims for Survey Week	125,127	148,501	129,442
Insured Unemployment Rate .	3.1	3.6	3.2
Net Contributions	$175,412,298	$3,528,175	$149,920,071
Active Employer Accounts ..	192,000	191,556	191,013

This periodical is published monthly by the Ohio Bureau of Employment Services, in cooperation with the United States Department of Labor. For further information, contact Dixie Sommers, Director, Labor Market Information Division, at (614) 466-8806.

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Ohio
Labor
Market
Information

Labor Market Review

May 1986

Summary. Ohio's seasonally adjusted unemployment rate in May, at 8.1 percent, was up slightly from the 8.0 percent rate in April. The civilian labor force fell 1.3 percent, to 5,197,000. Total employment was reduced by 64,000 workers from April, falling to 4,778,000 in May. There were 419,000 unemployed persons in May, down 4,000 from last month. Nationwide, the seasonally adjusted unemployment rate rose from 7.1 percent in April, to 7.3 percent in May. Ohio's nonagricultural wage and salary employment advanced to 4,504,000 in May, equaling the all-time peak level of March 1979, according to the latest employer survey. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio, at 1,106,000 in May, was down 8,000 from April. Most of the decrease occurred in durable-goods industries, particularly among producers of motor vehicles and equipment.

Nonmanufacturing. Nearly all nonmanufacturing industries had higher employment in May, as the seasonally adjusted total rose 18,000, to 3,398,000. Employment in services was up 11,000, accounting for much of the gain. Retail trade and construction also had notable increases.

Over the Year. Ohio's civilian labor force rose 2.5 percent from May 1985 to May 1986. Total employment was up 2.6 percent, or 119,000 workers. There were only 7,000 more people unemployed in May 1986 than in May 1985, leaving the unemployment rate unchanged over the year, at 8.1 percent. The current national rate of 7.3 percent was also the same as in May 1985. Nonagricultural wage and salary employment in Ohio increased 2.9 percent from May 1985. Gains in services and retail trade were responsible for over seven-eighths of the total increase. Government; finance, insurance, and real estate; wholesale trade; and construction also had significant advances. Manufacturing employment fell 21,000 from May 1985, due chiefly to losses in durable goods. Mining was the only other division with lower employment over the year.

Factory Hours and Earnings. The average weekly earnings of manufacturing production workers, at $480.28, were down $1.26 from April. The average workweek of 41.8 hours was unchanged from last month. Most durable-goods industries had lower earnings in May. The most significant were transportation equipment, nonelectrical machinery, and fabricated metal products. Increased overtime raised earnings in several nondurable-goods industries, especially food products and rubber and plastics products.

Benefits and Costs. Initial claims filed under the Ohio Unemployment Compensation Law numbered 57,347 in May, down 3.8 percent from April, and down 6.2 percent from May 1985. Total benefits of $63.4 million were paid, down 9.9 percent from last month. The average

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

weekly benefit check rose $.20, to $150.62. The average weekly number of benefit recipients, at 92,561, was down 18,993 from April. There were 192,297 active employer accounts at the end of May.

Employment Service. The Ohio Bureau of Employment Services assisted 42,607 new job applicants in May, down 7.4 percent from April. The number of job openings received from employers increased 2.3 percent, to 15,018. The Employment Services Division made 25,719 job referrals and 6,778 placements.

SAVE MONEY, HIRE A VET

The Emergency Veterans' Job Training Program (EVJTA) was created to help industry fill permanent positions that involve significant training of at least six months to Korean conflict and Vietnam-era veterans.

- Employers are provided with 50 percent of the starting wage, up to $10,000 per veteran, when they hire and train veterans in a growth industry or a technology-based or demand occupation.
- Training will be funded for between six and nine months.
- Half the cost of training, up to $10,000, paid directly to the employer, is invoiced quarterly. Small businesses can arrange to invoice monthly.

Contact your nearest local OBES office for further information.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	May 1986	Apr. 1986	May 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,197	5,265	5,071	-68	126	-1.3	2.5
Employment	4,778	4,842	4,659	-64	119	-1.3	2.6
Unemployment	419	423	412	-4	7	-0.9	1.7
Unemployment Rate	8.1	8.0	8.1				
Employer Survey Data[e]							
Total	4,504	4,494	4,376	9	128	0.2	2.9
Manufacturing	1,106	1,114	1,127	-8	-21	-0.8	-1.9
Durable Goods	753	760	772	-8	-19	-1.0	-2.5
Nondurable Goods	353	354	355	-1	-2	-0.2	-0.6
Nonmanufacturing	3,398	3,380	3,249	18	149	0.5	4.6
Mining	25	26	27	0	-1	-1.6	-4.9
Construction	162	161	156	2	6	0.9	4.0
Transportation and Public Utilities	203	204	203	0	1	-0.2	0.3
Wholesale Trade	255	254	246	1	9	0.3	3.6
Retail Trade	834	831	787	3	48	0.3	6.1
Finance, Insurance, and Real Estate	227	226	218	1	10	0.5	4.6
Services	1,016	1,004	950	11	65	1.1	6.9
Government	676	675	664	1	12	0.2	1.8
Goods Producing Industries[f]	1,293	1,300	1,309	-7	-16	-0.6	-1.3
Service Producing Industries[g]	3,211	3,194	3,067	17	144	0.5	4.7

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable	Nondurable
					1984				
5,091	4,567	524	10.3	7.5	May	4,236	1,126	773	354
5,087	4,617	470	9.2	7.2	June	4,253	1,129	775	354
5,143	4,711	432	8.4	7.4	July	4,267	1,133	778	354
5,104	4,617	487	9.5	7.5	August	4,288	1,138	783	355
5,126	4,663	463	9.0	7.4	September	4,289	1,130	775	354
5,121	4,648	473	9.2	7.3	October	4,306	1,132	777	356
5,082	4,638	444	8.7	7.2	November	4,321	1,135	780	356
5,124	4,656	468	9.1	7.2	December	4,327	1,137	781	355
					1985				
5,111	4,667	444	8.7	7.4	January	4,323	1,134	779	355
5,135	4,678	457	8.9	7.3	February	4,328	1,133	778	356
5,143	4,673	470	9.1	7.3	March	4,343	1,129	774	355
5,148	4,684	464	9.0	7.3	April	4,358	1,127	772	355
5,071	4,659	412	8.1	7.3	May	4,376	1,127	772	355
5,065	4,623	442	8.7	7.3	June	4,367	1,123	769	354
5,100	4,626	474	9.3	7.3	July	4,376	1,118	767	351
5,104	4,645	459	9.0	7.1	August	4,384	1,116	763	353
5,154	4,678	476	9.2	7.1	September	4,394	1,110	757	353
5,154	4,688	466	9.0	7.1	October	4,410	1,115	763	353
5,181	4,723	458	8.8	7.0	November	4,430	1,121	767	354
5,186	4,749	437	8.4	6.9	December	4,449	1,126	772	354
					1986				
5,226	4,758	468	9.0	6.7	January	4,483	1,130	774	357
5,357	4,890	467	8.7	7.3	February	4,482	1,127	769	358
5,311	4,919	392	7.4	7.2	March	4,482	1,117	761	356
5,265	4,842	423	8.0	7.1	April	4,494	1,114	760	354
5,197	4,778	419	8.1	7.3	May	4,504	1,106	753	353

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,110	28	141	203	235	May	739	211	899	652
3,124	28	145	204	237	June	744	211	904	651
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	215	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,380	26	161	204	254	April	831	226	1004	675
3,398	25	162	203	255	May	834	227	1016	676

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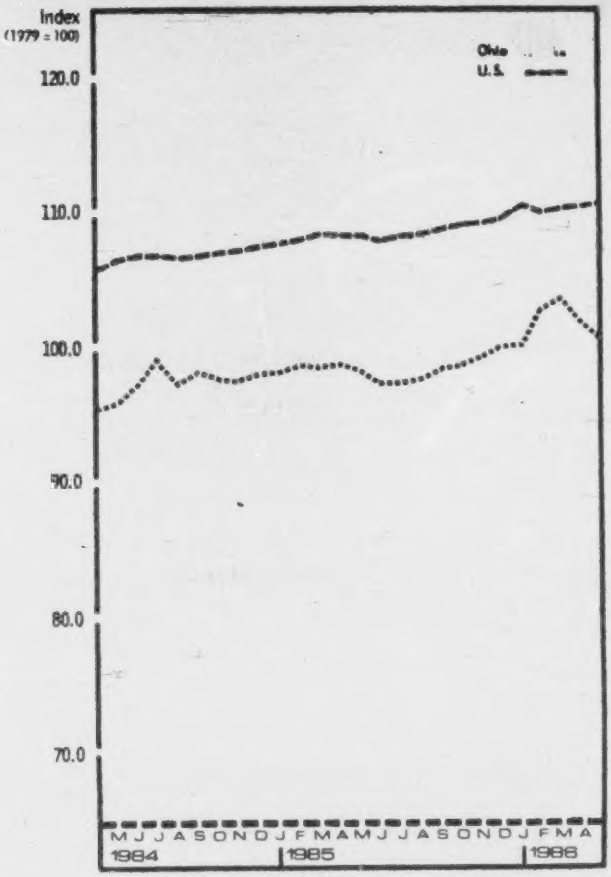
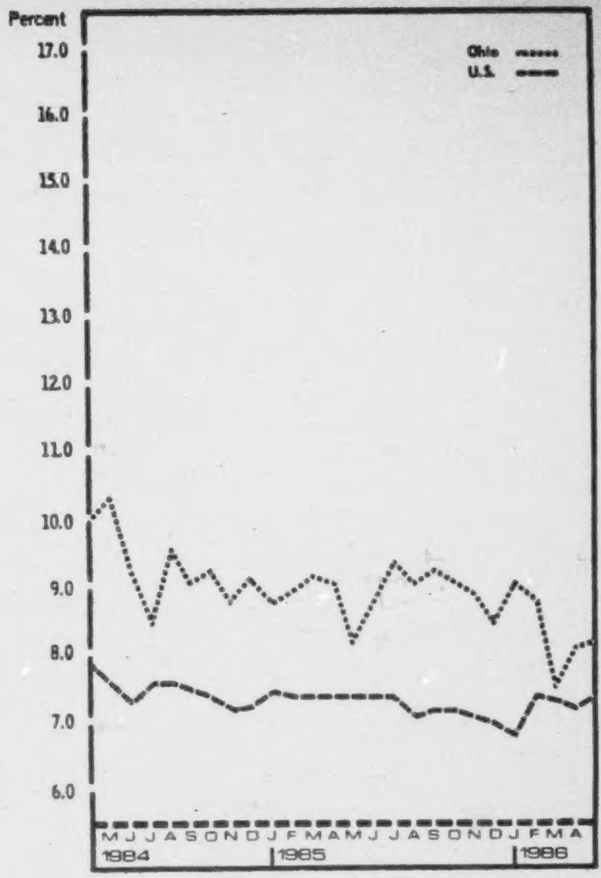
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

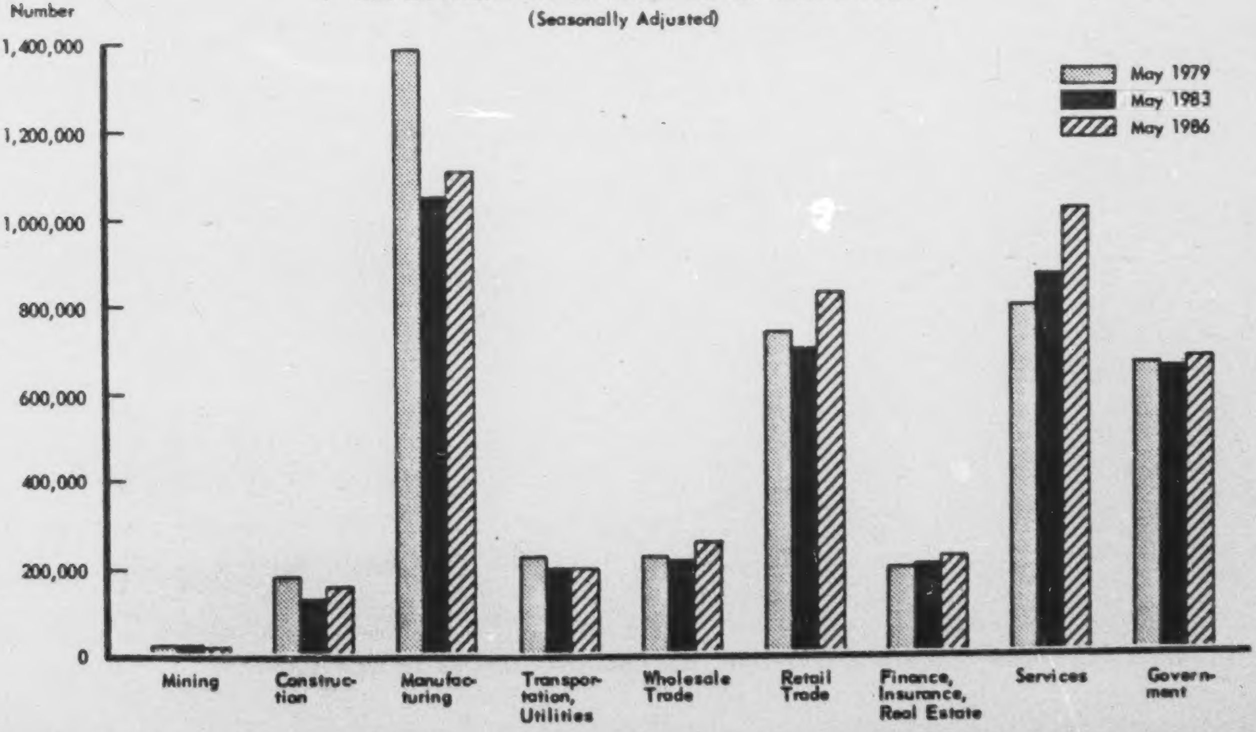
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,099	4,478	621	12.2	9.6
1984	5,089	4,609	480	9.4	7.5
1985	5,130	4,675	455	8.9	7.2
1985					
May	5,054	4,674	381	7.5	7.0
June	5,146	4,707	439	8.5	7.5
July	5,237	4,750	487	9.3	7.4
August	5,207	4,751	456	8.8	6.9
September	5,185	4,719	466	9.0	6.9
October	5,216	4,747	469	9.0	6.8
November	5,200	4,734	466	9.0	6.7
December	5,156	4,721	436	8.5	6.7
1986					
January	5,121	4,647	474	9.3	7.3
February	5,212	4,740	472	9.1	7.8
March	5,226	4,812	414	7.9	7.5
April	5,217	4,804	413	7.9	7.0
May	5,180	4,791	389	7.5	7.0

Ohio Nonagricultural Wage & Salary Employment
(in thousands)

	Total Nonagricultural			
		Manufacturing		
			Durable	Nondurable
1975	4,016.2	1,267.5	892.4	375.1
1976	4,094.6	1,295.3	910.6	384.6
1977	4,230.1	1,344.1	945.2	398.9
1978	4,394.9	1,377.2	974.5	402.7
1979	4,484.8	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,378.6	1,123.1	769.1	354.0
1985				
May	4,404.3	1,128.3	774.0	354.3
June	4,411.9	1,130.4	774.8	355.6
July	4,383.5	1,120.4	768.3	352.1
August	4,385.8	1,118.4	761.3	357.2
September	4,437.7	1,121.4	762.6	358.8
October	4,456.8	1,119.8	765.5	354.4
November	4,473.1	1,123.1	768.2	354.9
December	4,483.7	1,123.6	769.5	354.1
1986				
January	4,393.4	1,119.3	766.7	352.7
February	4,387.1	1,114.2	761.2	353.0
March	4,418.5	1,111.9	759.1	352.7
April	4,481.6	1,110.8	759.6	351.2
May	4,533.0	1,107.2	755.0	352.2

Ohio Nonmanufacturing Wage & Salary Employment
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,276.0	26.4	156.3	203.4	246.0	May	789.0	217.4	958.9	678.6
3,281.5	26.5	161.3	204.7	246.9	June	794.4	219.8	965.1	662.7
3,263.2	26.8	168.1	204.4	248.1	July	797.4	221.4	966.3	630.8
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,425.8	25.0	162.5	204.1	254.8	May	836.8	227.4	1,024.7	690.5

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment

(in thousands)

Manufacturing	Durable Goods	Nondurable Goods	
1,267.5	892.4	375.1	1975
1,295.3	910.6	384.6	1976
1,344.1	945.2	398.9	1977
1,377.2	974.5	402.7	1978
1,382.3	980.5	401.8	1979
1,264.3	882.6	381.8	1980
1,232.6	860.4	372.2	1981
1,099.9	752.4	347.5	1982
1,066.0	723.6	342.4	1983
1,127.0	773.4	353.6	1984
1,123.1	769.1	354.0	1985
			1985
1,128.3	774.0	354.3	May
1,130.4	774.8	355.6	June
1,120.4	768.3	352.1	July
1,118.4	761.3	357.2	August
1,121.4	762.6	358.8	September
1,119.8	765.5	354.4	October
1,123.1	768.2	354.9	November
1,123.6	769.5	354.1	December
			1986
1,119.3	766.7	352.7	January
1,114.2	761.2	353.0	February
1,111.9	759.1	352.7	March
1,110.8	759.6	351.2	April
1,107.2	755.0	352.2	May

Production Workers in Manufacturing

	Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1975	897.8	$201.5	36.2
1976	926.1	233.9	38.2
1977	958.0	271.2	40.2
1978	985.5	302.5	41.5
1979	979.0	318.5	40.6
1980	867.8	301.9	35.2
1981	847.7	330.4	34.7
1982	735.7	297.1	29.5
1983	721.6	315.4	29.9
1984	781.5	362.3	33.1
1985	773.4	369.7	32.5
1985			
May	778.3	370.4	32.7
June	778.6	374.5	32.9
July	767.9	362.8	32.0
August	766.0	359.7	31.9
September	769.5	368.9	32.5
October	768.9	370.9	32.4
November	772.9	376.6	32.8
December	773.5	387.2	33.3
1986			
January	769.1	375.5	32.5
February	764.1	373.4	32.2
March	762.5	372.3	32.2
April	761.7	366.8	31.8
May	758.0	364.1	31.7

Production Workers Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$224.47	$228.90	$211.85	1975
252.54	258.75	235.00	1976
283.08	292.02	258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
			1985
475.86	498.20	420.66	May
480.95	502.25	429.11	June
472.46	490.31	426.01	July
469.54	489.81	422.91	August
479.39	500.74	430.54	September
482.35	505.33	424.98	October
487.18	508.22	434.93	November
500.52	526.44	439.10	December
			1986
488.25	511.70	434.51	January
488.68	512.90	432.41	February
488.25	512.48	433.46	March
481.54	504.71	426.59	April
480.28	499.38	433.42	May

Production Workers Average Weekly Hours

	Manufacturing	Durable Goods	Nondurable Goods
1975	40.3	40.3	40.2
1976	41.2	41.4	41.3
1977	42.0	42.2	41.4
1978	42.1	42.3	41.5
1979	41.5	41.6	41.1
1980	40.6	40.7	40.2
1981	40.9	40.9	40.7
1982	40.1	40.0	40.4
1983	41.4	41.5	41.2
1984	42.3	42.5	41.7
1985	42.0	42.3	41.3
1985			
May	42.0	42.4	41.0
June	42.3	42.6	41.5
July	41.7	41.8	41.2
August	41.7	41.9	41.3
September	42.2	42.4	41.8
October	42.2	42.5	41.3
November	42.4	42.6	41.7
December	43.0	43.4	42.1
1986			
January	42.2	42.5	41.7
February	42.2	42.6	41.3
March	42.2	42.6	41.4
April	41.8	42.2	40.9
May	41.8	42.0	41.2

Production Workers Average Hourly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1975	$5.57	$5.68	$5.27
1976	6.10	6.25	5.69
1977	6.74	6.92	6.24
1978	7.29	7.49	6.73
1979	7.84	8.06	7.25
1980	8.57	8.81	7.96
1981	9.53	9.82	8.80
1982	10.07	10.37	9.38
1983	10.56	10.90	9.77
1984	10.96	11.35	10.02
1985	11.38	11.81	10.31
1985			
May	11.33	11.75	10.26
June	11.37	11.79	10.34
July	11.33	11.73	10.34
August	11.26	11.69	10.24
September	11.36	11.81	10.30
October	11.43	11.89	10.29
November	11.49	11.93	10.43
December	11.64	12.13	10.43
1986			
January	11.57	12.04	10.42
February	11.58	12.04	10.47
March	11.57	12.03	10.47
April	11.52	11.96	10.43
May	11.49	11.89	10.52

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

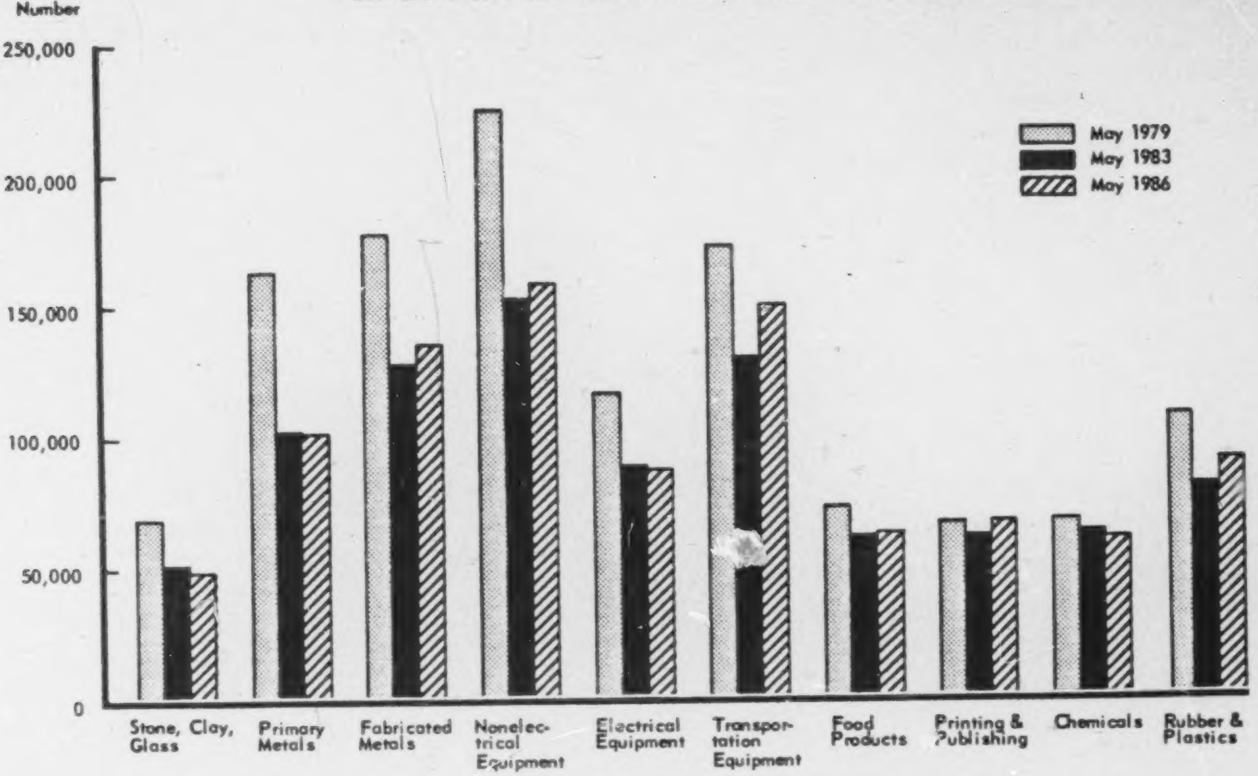
Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	91.0
			1985				1985			
50.6	104.7	140.9	May	167.4	90.6	150.6	May	61.7	66.6	91.1
51.0	103.9	140.8	June	167.7	90.5	151.9	June	62.7	66.5	91.6
50.7	103.3	138.3	July	166.3	89.7	151.1	July	62.7	66.5	88.7
51.2	99.0	137.2	August	164.2	89.8	150.5	August	65.5	66.8	90.5
51.4	98.5	139.1	September	164.0	89.2	150.9	September	65.9	66.9	91.4
51.2	99.0	138.7	October	163.4	89.1	154.5	October	63.3	67.1	91.3
51.0	101.3	138.6	November	162.9	88.1	157.2	November	62.9	67.5	91.7
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	91.7
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	91.7
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	91.4
50.1	102.1	136.0	May	158.9	87.7	149.7	May	62.9	67.7	90.9

Average Weekly Earnings of Production Workers

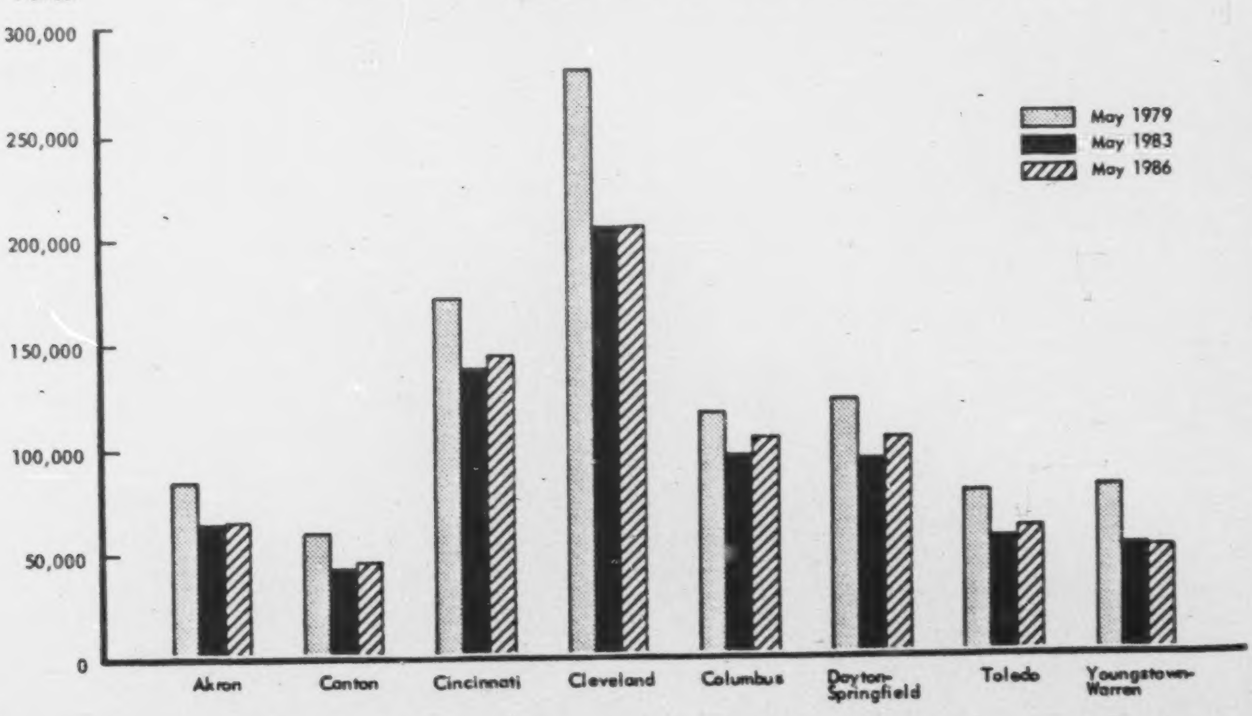
Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
432.41	550.25	493.32	May	470.48	421.70	639.18	May	415.33	385.56	422.00
441.41	560.19	492.90	June	481.17	433.13	635.40	June	410.11	386.05	442.90
438.90	544.13	486.88	July	471.94	422.65	613.20	July	422.94	395.26	431.15
439.74	552.30	468.86	August	469.14	430.77	612.76	August	413.27	397.97	422.42
439.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	403.52	431.63
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	426.38
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.33	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
442.81	547.80	489.20	May	476.40	452.92	623.04	May	419.67	405.30	431.71

[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	4533.0	4481.6	4404.3	51.4	128.7
MANUFACTURING	1107.2	1110.8	1128.3	- 3.6	- 21.1
Durable Goods[e]	755.0	759.6	774.0	- 4.7	- 19.0
Lumber and wood products	18.0	17.4	17.1	.7	.9
Furniture and fixtures	14.9	14.8	14.8	.1	.1
Stone, clay, and glass products	50.1	50.0	50.6	.1	- .5
Glass and glassware, pressed or blown	11.4	11.5	11.6	- .1	- .1
Primary metal industries	102.1	102.5	104.7	- .4	- 2.6
Blast furnace and basic steel products	46.9	47.1	48.3	- .3	- 1.5
Iron and steel foundries	21.4	21.5	21.6	- .1	- .3
Nonferrous rolling and drawing	18.5	18.2	18.6	.3	- .1
Fabricated metal products	136.0	136.2	140.9	- .2	- 4.9
Cutlery, hand tools, and hardware	10.4	10.8	11.5	- .4	- 1.1
Fabricated structural metal products	28.5	28.2	29.3	.3	- .7
Metal forgings and stampings	42.5	43.2	45.2	- .7	- 2.7
Machinery, except electrical	158.9	159.7	167.4	- .8	- 8.5
Construction and related machinery	13.8	13.8	15.5	.0	- 1.7
Metalworking machinery	41.2	41.0	42.6	.2	- 1.5
Special industry machinery	16.6	16.8	18.2	- .1	- 1.5
General industrial machinery	28.9	29.2	30.6	- .3	- 1.7
Office and computing machines	13.5	13.6	13.7	.0	- .2
Refrigeration and service machinery	16.5	16.6	17.3	.0	- .7
Electric and electronic equipment	87.7	88.4	90.6	- .7	- 2.9
Electrical industrial apparatus	16.9	16.9	18.3	.0	- 1.4
Household appliances	16.6	17.0	16.4	- .4	.3
Electric lighting and wiring equipment	17.2	17.3	17.9	- .1	- .7
Communication equipment	9.9	10.0	11.0	- .1	- 1.1
Transportation equipment	149.7	153.3	150.6	- 3.6	- .9
Motor vehicles and equipment	94.0	98.0	99.2	- 4.0	- 5.2
Aircraft and parts	46.8	46.4	42.3	.4	4.5
Instruments and related products	23.4	23.4	22.8	.0	.6
Measuring and controlling devices	12.7	12.6	12.2	.1	.5
Nondurable Goods[f]	352.2	351.2	354.3	1.0	- 2.1
Food and kindred products	52.9	61.6	61.7	1.2	1.1
Meat products	10.2	10.0	9.9	.2	.3
Dairy products	9.7	9.6	9.8	.1	- .2
Preserved fruits and vegetables	10.4	10.3	10.3	.1	.1
Bakery products	8.9	8.8	8.6	.1	.3
Beverages	10.2	9.7	10.0	.5	.2
Apparel and other textile products	16.2	16.1	16.8	.1	- .6
Paper and allied products	36.0	36.2	36.9	- .1	- .9
Misc. converted paper products	11.9	12.0	12.1	.0	- .2
Paperboard containers and boxes	11.7	11.8	12.2	- .1	- .5
Printing and publishing	67.7	67.3	66.6	.4	1.1
Newspapers	19.1	19.0	18.5	.1	.6
Commercial printing	25.9	25.9	25.0	.0	.9
Chemicals and allied products	61.4	61.5	63.1	- .1	- 1.7
Industrial inorganic chemicals	9.4	9.6	10.7	- .2	- 1.3
Rubber and misc. plastics products	90.9	91.4	91.1	- .6	- .2
Tires and inner tubes	18.8	18.8	20.4	.0	- 1.6
Miscellaneous plastics products	52.6	53.0	50.5	- .4	2.0

See footnotes on page 13

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3425.8	3370.8	3276.0	55.1	149.9
MINING	25.0	25.0	26.4	.1	- 1.4
Bituminous coal and lignite mining	10.6	10.7	11.0	- .1	- .5
Oil and gas extraction	9.9	9.8	10.7	.1	- .8
CONSTRUCTION	162.5	150.9	156.3	11.7	6.2
General building contractors	41.3	38.6	38.5	2.7	2.8
Heavy construction contractors	23.0	19.8	22.2	3.2	.9
Highway and street construction	10.6	8.1	10.0	2.5	.7
Special trade contractors	98.2	92.5	95.7	5.7	2.6
TRANSPORTATION AND PUBLIC UTILITIES	204.1	202.6	203.4	1.5	.7
Railroad transportation	16.5	16.0	17.6	.5	- 1.0
Transportation, except railroads	98.3	97.3	95.7	.9	2.5
Trucking and warehousing	70.5	69.9	68.4	.6	2.2
Communication, electric, gas services	89.3	89.3	90.1	.1	- .8
Communication	48.6	48.6	49.7	.0	- 1.2
Electric, gas, and sanitary services	40.8	40.7	40.4	.1	.4
WHOLESALE TRADE	254.8	253.1	246.0	1.7	8.7
Wholesale trade-durable goods	162.1	161.2	156.4	.9	5.8
Motor vehicles & automotive equipment	25.1	25.0	23.8	.2	1.3
Electrical goods	20.9	20.9	20.4	.0	.5
Machinery, equipment, and supplies	68.2	67.9	65.8	.4	2.4
Wholesale trade-nondurable goods	92.6	91.9	89.7	.7	3.0
Groceries and related products	28.8	28.6	27.8	.2	1.0
RETAIL TRADE	836.8	821.4	789.0	15.4	47.7
General merchandise stores	111.9	111.1	110.9	.8	.9
Department stores	102.1	101.5	101.5	.7	.7
Food stores	129.6	128.7	125.1	.9	4.5
Automotive dealers & service stations	93.7	92.5	87.2	1.2	6.6
Apparel and accessory stores	38.9	38.3	36.3	.5	2.6
Eating and drinking places	300.7	291.9	280.0	8.8	20.7
FINANCE, INSURANCE, AND REAL ESTATE	227.4	225.1	217.4	2.3	10.0
Banking	62.3	61.8	59.0	.6	3.3
Credit agencies other than banks	35.8	35.4	33.8	.4	2.0
Insurance carriers	59.2	59.0	58.4	.2	.8
Life insurance	21.1	21.1	21.9	.0	- .8
Fire, marine, and casualty insurance	28.4	28.3	27.6	.1	.8
SERVICES	1024.7	1005.4	958.9	19.4	65.9
Hotels and other lodging places	34.9	33.5	33.3	1.4	1.6
Personal services	55.9	56.9	52.6	- 1.0	3.3
Laundry, cleaning, & garment services	19.0	18.6	18.0	.5	1.1
Business services	193.6	190.9	172.1	2.7	21.6
Services to buildings	29.0	28.4	26.1	.5	2.9
Computer and data processing services	18.6	18.5	15.5	.1	3.1
Amusement and recreation services	48.9	38.9	45.0	10.0	4.0
Health services	338.5	336.6	327.5	1.9	11.0
Nursing and personal care facilities	72.8	72.3	70.7	.5	2.1
Hospitals	168.5	168.0	165.5	.5	3.0
Educational services	65.4	65.6	60.1	- .2	5.3
Colleges and universities	36.5	36.8	32.6	- .3	3.9
GOVERNMENT	690.5	687.3	678.6	3.2	11.9
Federal government	93.1	92.7	91.6	.4	1.5
State government	153.2	154.2	148.4	- 1.0	4.8
State government education	81.9	82.3	79.2	- .3	2.8
State government, except education	71.3	71.9	69.2	- .6	2.1
Local government	444.2	440.4	438.6	3.8	5.6
Local government education	259.5	258.0	255.8	1.5	3.7
Local government, except education	184.7	182.4	182.8	2.3	1.9

Hours & Earnings of Production or Nonsupervisory Workers[a]

Ohio

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$480.28	$481.54	$475.86	41.8	41.8	42.0	$11.49	$11.52	$11.33
Durable Goods[e]	499.38	504.71	498.20	42.0	42.2	42.4	11.89	11.96	11.75
Lumber and wood products	287.92	285.84	306.94	40.1	39.7	40.6	7.18	7.20	7.56
Furniture and fixtures	338.20	344.87	315.58	40.6	41.5	39.3	8.33	8.31	8.03
Stone, clay, and glass products	442.81	444.11	432.41	41.5	41.7	41.9	10.67	10.65	10.32
Glass and glassware, pressed or blown	472.04	477.28	445.20	41.7	42.2	40.0	11.32	11.31	11.13
Primary metal industries	547.80	546.40	550.25	41.5	41.3	42.1	13.20	13.23	13.07
Blast furnace and basic steel products	541.63	537.20	528.94	40.3	40.0	39.8	13.44	13.43	13.29
Iron and steel foundries	586.36	589.16	583.80	42.8	42.6	43.6	13.70	13.83	13.39
Nonferrous rolling and drawing	561.56	578.22	607.82	40.9	41.9	43.2	13.73	13.80	14.07
Fabricated metal products	489.20	495.01	493.32	42.1	42.2	42.2	11.62	11.73	11.69
Cutlery, hand tools, and hardware	475.59	474.74	511.70	40.1	39.3	41.4	11.86	12.08	12.36
Fabricated structural metal products	430.57	431.04	424.11	42.8	42.3	42.2	10.06	10.19	10.05
Metal forgings and stampings	622.05	630.08	625.78	43.5	44.0	44.1	14.30	14.32	14.19
Machinery, except electrical	476.40	[illegible]	470.48	41.9	42.3	42.5	11.37	11.40	11.07
Construction and related machinery	398.73	398.19	402.40	39.4	39.7	40.2	10.12	10.03	10.01
Metalworking machinery	465.80	468.42	440.58	42.5	42.7	42.0	10.96	10.97	10.49
Special industry machinery	463.11	450.89	469.67	43.0	42.1	44.1	10.77	10.71	10.65
General industrial machinery	502.25	500.64	492.90	42.1	42.0	42.2	11.93	11.92	11.68
Office and computing machines	397.54	396.35	358.09	42.7	42.3	40.6	9.31	9.37	8.82
Refrigeration and service machinery	537.43	550.25	546.41	41.5	42.1	43.4	12.95	13.07	12.59
Electric and electronic equipment	452.92	452.79	421.70	41.1	41.2	40.2	11.02	10.99	10.49
Electrical industrial apparatus	438.46	445.67	409.64	40.3	40.7	40.2	10.88	10.95	10.19
Household appliances	467.90	470.60	440.99	40.9	41.1	40.2	11.44	11.45	10.97
Electric lighting and wiring equipment	460.91	468.00	408.83	41.3	42.2	39.5	11.16	11.09	10.35
Communication equipment	523.31	491.71	487.83	43.0	41.6	42.2	12.17	11.82	11.56
Transportation equipment	623.04	632.60	639.18	44.0	44.3	45.3	14.16	14.28	14.11
Motor vehicles and equipment	652.39	660.07	678.22	44.2	44.3	46.2	14.76	14.90	14.68
Aircraft and parts	564.38	575.85	533.83	44.3	45.2	42.2	12.74	12.74	12.65
Instruments and related products	353.63	350.34	344.80	39.6	39.1	40.0	8.93	8.96	8.62
Measuring and controlling devices	346.37	339.00	343.42	38.4	37.5	38.5	9.02	9.04	8.92
Nondurable Goods[f]	433.42	426.59	420.66	41.2	40.9	41.0	10.52	10.43	10.26
Food and kindred products	419.67	399.10	415.33	41.8	40.6	41.7	10.04	9.83	9.96
Meat products	395.97	360.40	401.02	42.9	40.0	43.4	9.23	9.01	9.24
Dairy products	439.95	448.54	449.82	42.1	42.8	44.1	10.45	10.48	10.20
Preserved fruits and vegetables	384.48	369.34	361.82	40.6	39.8	39.2	9.47	9.28	9.23
Bakery products	435.85	441.22	447.93	38.3	38.3	40.5	11.38	11.52	11.06
Beverages	422.47	408.80	404.16	41.5	41.8	42.1	10.18	9.78	9.60
Apparel and other textile products	264.94	272.19	251.10	36.9	37.7	37.2	7.18	7.22	6.75
Paper and allied products	476.75	472.56	452.30	43.9	44.0	43.2	10.86	10.74	10.47
Misc. converted paper products	448.00	430.77	407.88	44.4	43.6	42.8	10.09	9.88	9.53
Paperboard containers and boxes	406.85	408.85	379.73	41.6	42.5	40.7	9.78	9.62	9.33
Printing and publishing	405.30	398.91	385.56	38.6	38.1	37.8	10.50	10.47	10.20
Newspapers	351.09	335.30	331.92	34.9	33.8	33.8	10.06	9.92	9.82
Commercial printing	396.36	397.55	387.44	39.4	39.4	38.9	10.06	10.09	9.96
Chemicals and allied products	510.80	503.84	488.38	41.8	41.4	41.6	12.22	12.17	11.74
Industrial inorganic chemicals	550.84	528.21	551.65	41.2	40.6	42.5	13.37	13.01	12.98
Rubber and misc. plastics products	431.71	423.43	422.00	42.2	41.8	41.7	10.23	10.13	10.12
Tires and inner tubes	630.67	628.38	582.92	45.8	45.8	44.6	13.77	13.72	13.07
Miscellaneous plastics products	413.97	404.89	410.76	41.9	41.4	41.2	9.88	9.78	9.97

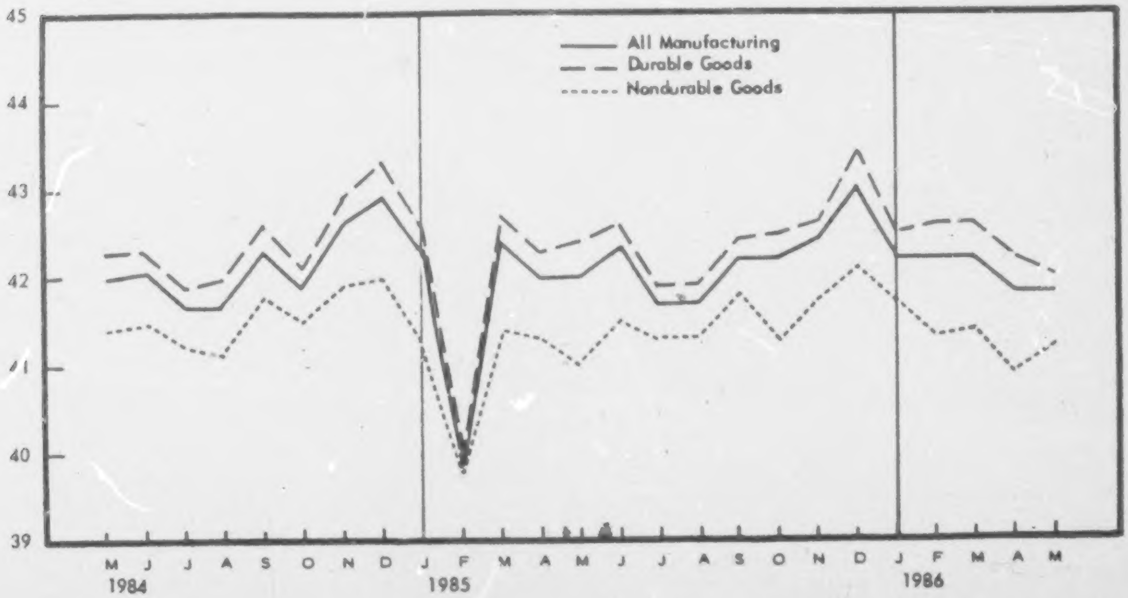
See footnotes on page 13

Hours & Earnings of Production or Nonsupervisory Workers[a]

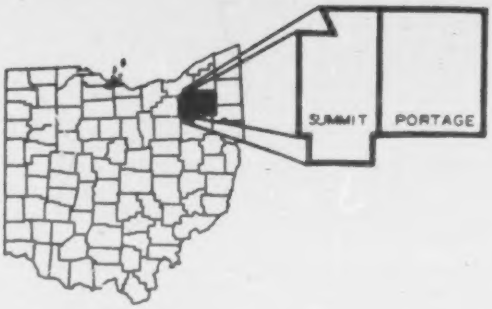
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MINING	$509.22	$511.17	$503.28	42.9	43.1	43.2	$11.87	$11.86	$11.65
Bituminous coal and lignite mining	611.30	611.94	626.33	41.5	41.6	41.7	14.73	14.71	15.02
CONSTRUCTION	595.33	580.39	588.56	39.4	38.9	38.9	15.11	14.92	15.13
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.31	523.67	503.85	40.5	40.5	40.6	13.02	12.93	12.41
Communication	513.11	510.24	492.45	39.9	39.8	40.2	12.86	12.82	12.25
Electric, gas, and sanitary services	545.99	539.79	519.09	41.3	41.3	41.1	13.22	13.07	12.63
WHOLESALE TRADE	368.14	365.38	342.71	39.5	39.5	38.9	9.32	9.25	8.81
Wholesale trade-durable goods	363.92	362.06	340.34	39.6	39.7	39.3	9.19	9.12	8.66
Wholesale trade-nondurable goods	375.71	371.62	346.47	39.3	39.2	38.2	9.56	9.48	9.07
RETAIL TRADE[h]	156.96	155.04	157.72	28.8	28.5	29.1	5.45	5.44	5.42
General merchandise stores	182.04	179.08	173.70	29.6	29.6	30.0	6.15	6.05	5.79
Department stores	187.11	184.14	177.89	29.7	29.7	30.1	6.30	6.20	5.91
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	249.72	247.68	233.54	....	....	....	.....	.....	.....
Credit agencies other than banks	239.43	246.13	225.71	....	....	....	.....	.....	.....
Insurance carriers	323.96	324.04	304.90	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	314.29	314.63	304.42	33.4	33.4	33.9	9.41	9.42	8.98

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [c]Based on unrounded figures. [e]Includes miscellaneous manufacturing. Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [h]Money payments only; tips not included. Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



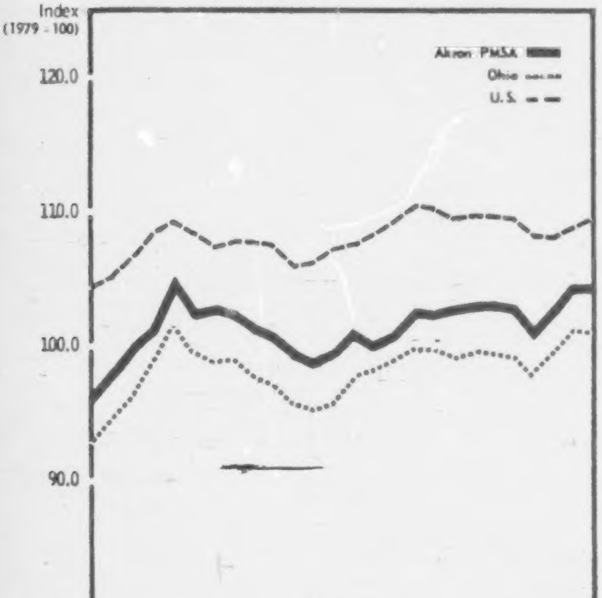
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



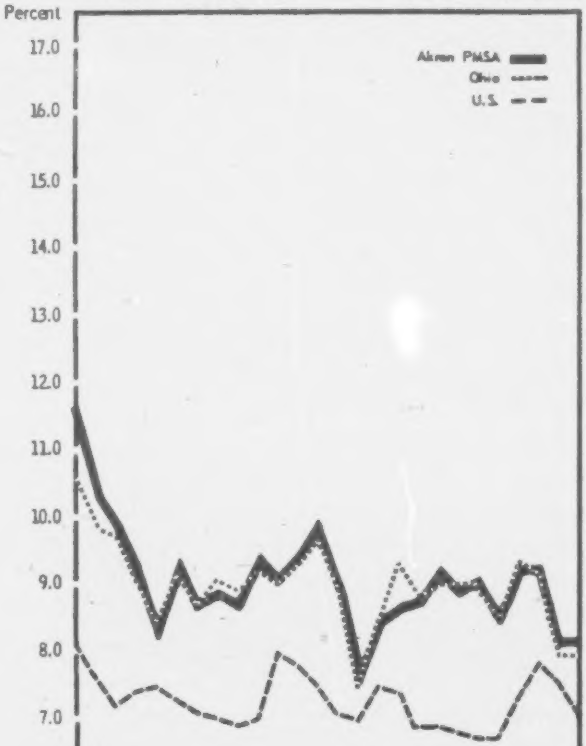
Nonagricultural wage and salary employment in the Akron area totaled 269,000 in May, an advance of 4,400 from the April level. Employment in nonmanufacturing rose 4,500 over the month, as seasonal increases occurred in services, construction, and retail trade. Manufacturing remained unchanged at 66,500. Production workers averaged a 43.1 hour workweek, up fractionally from April. Their average hourly earnings were $11.06, down $.03.

Nonfarm employment recorded a gain of 7,800 from May 1985. An increase in employment was shown in nearly all nonmanufacturing industries. The primary expansions came in services, retail trade, and government. Declines in rubber and plastics products, fabricated metal products, and nonelectrical machinery led to the reduction of manufacturing employment by 2,200 over the year.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



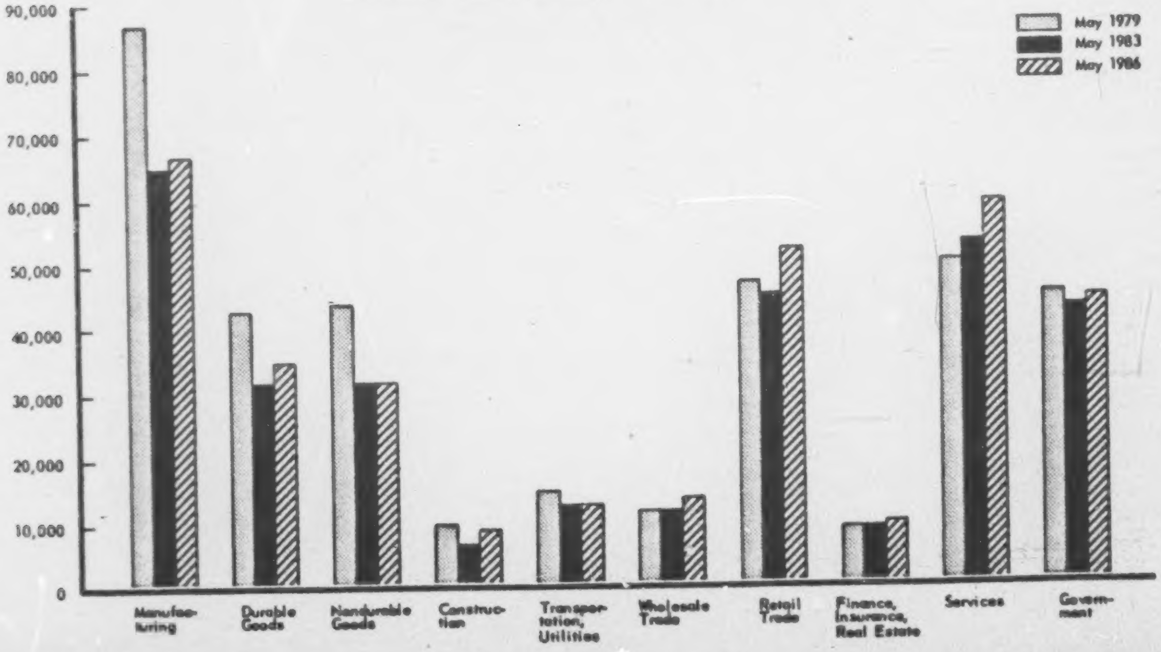
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
315.8	288.3	27.5	8.7	April	257.0	68.6	37.9	479.76	43.3	11.08
302.4	279.6	22.8	7.5	May	261.2	68.7	37.7	472.57	43.0	10.99
314.5	288.0	26.5	8.4	June	257.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.7	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
323.4	297.3	26.1	8.1	April	264.6	66.5	36.1	476.87	43.0	11.09
INA	INA	INA	INA	May	269.0	66.5	36.1	476.69	43.1	11.06

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	269.0	264.6	261.2	4.4	7.8
MANUFACTURING	66.5	66.5	68.7	.0	- 2.2
Durable Goods[e]	34.8	34.9	35.8	- .1	- 1.0
Fabricated metal products	12.4	12.5	13.2	- .1	- .8
Machinery, except electrical	9.1	9.2	9.5	- .1	- .4
Metalworking machinery	3.0	3.0	3.1	.0	- .1
Nondurable Goods[f]	31.7	31.6	32.9	.1	- 1.3
Food and kindred products	2.6	2.6	2.8	.0	- .2
Chemicals and allied products	2.6	2.6	2.7	.0	- .1
Rubber and misc. plastics products	21.2	21.2	22.2	.0	- 1.0
Tires and inner tubes	14.3	14.4	15.6	.0	- 1.2
NONMANUFACTURING[g]	202.5	198.1	192.5	4.5	10.0
CONSTRUCTION	9.4	8.2	8.5	1.2	.9
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.1	12.8	.0	.3
Communication, electric, gas services	5.3	5.3	5.3	.0	.0
WHOLESALE TRADE	14.0	13.9	13.3	.1	.7
RETAIL TRADE	51.6	50.9	49.0	.7	2.7
General merchandise stores	6.5	6.5	6.6	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	10.1	10.0	9.6	.1	.5
Banking	3.2	3.2	3.0	.0	.2
SERVICES	59.1	57.2	55.2	1.9	3.9
Business services	11.6	11.3	10.2	.3	1.3
Amusement and recreation services	4.4	3.3	3.6	1.2	.8
Health services	17.1	17.1	17.5	.0	- .4
GOVERNMENT	44.5	44.1	43.4	.4	1.1
State government	15.4	15.4	14.9	.0	.5
State government education	12.5	12.5	12.0	.0	.5
State government, except education	2.9	2.9	2.9	.0	.0
Local government	26.8	26.4	26.4	.3	.4
Local government education	14.5	14.4	14.2	.1	.3
Local government, except education	12.3	12.0	12.2	.2	.1

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

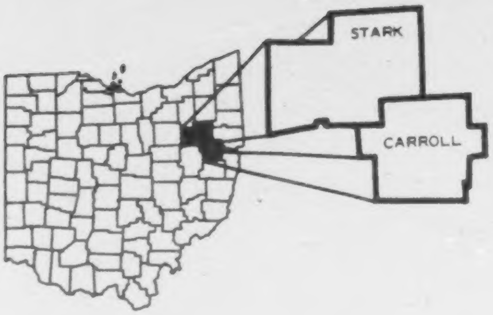
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$476.69	$476.87	$472.57	43.1	43.0	43.0	$11.06	$11.09	$10.99
Durable Goods[e]	491.63	494.25	494.60	43.7	43.7	43.5	11.25	11.31	11.37
Fabricated metal products	606.13	606.58	627.25	45.2	44.7	44.9	13.41	13.57	13.97
Machinery, except electrical	436.25	440.47	414.04	44.2	44.9	44.0	9.87	9.81	9.41
Metalworking machinery	453.68	459.36	412.38	46.2	46.4	43.5	9.82	9.90	9.48
Nondurable Goods[f]	453.00	450.66	437.00	42.1	42.0	42.1	10.76	10.73	10.38
Food and kindred products	442.90	441.57	478.96	40.3	40.4	45.1	10.99	10.93	10.62
Chemicals and allied products	453.06	444.72	449.53	41.3	40.8	41.7	10.97	10.90	10.78
Rubber and misc. plastics products	487.06	487.52	467.19	43.8	44.0	43.5	11.12	11.08	10.74
Tires and inner tubes	715.77	714.82	644.23	49.5	49.4	47.3	14.46	14.47	13.62
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	535.30	533.58	512.82	40.8	40.7	40.7	13.12	13.11	12.60
WHOLESALE TRADE	328.61	326.87	323.94	38.3	38.5	38.2	8.58	8.49	8.48
RETAIL TRADE[h]	187.88	162.11	185.42	30.6	30.2	30.8	6.14	6.03	6.02

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	2,534	2,655	2,957
Active File of Job Seekers	23,298	25,879	27,711
Referrals to Jobs	1,534	1,632	1,985
Placements	227	283	843
Job Openings Received	1,215	787	1,546
Job Openings Unfilled	1,864	1,140	1,963
Unemployment Insurance Program			
Initial Claims	2,971	3,002	3,591
Continued Claims	30,163	38,875	29,444
First Payments	1,231	1,232	1,398
Last Payments	653	573	632
Weeks Compensated	25,993	30,142	25,415
Benefits Paid	$3,762,692	$4,441,370	$3,538,147
Average Weekly Payment	$148.46	$150.56	$143.47

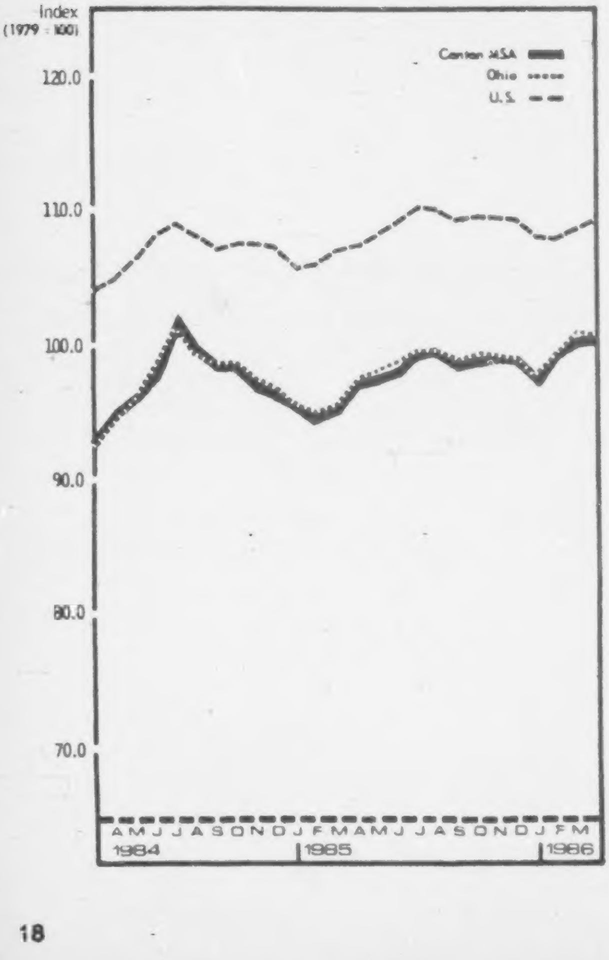
CANTON
METROPOLITAN STATISTICAL AREA



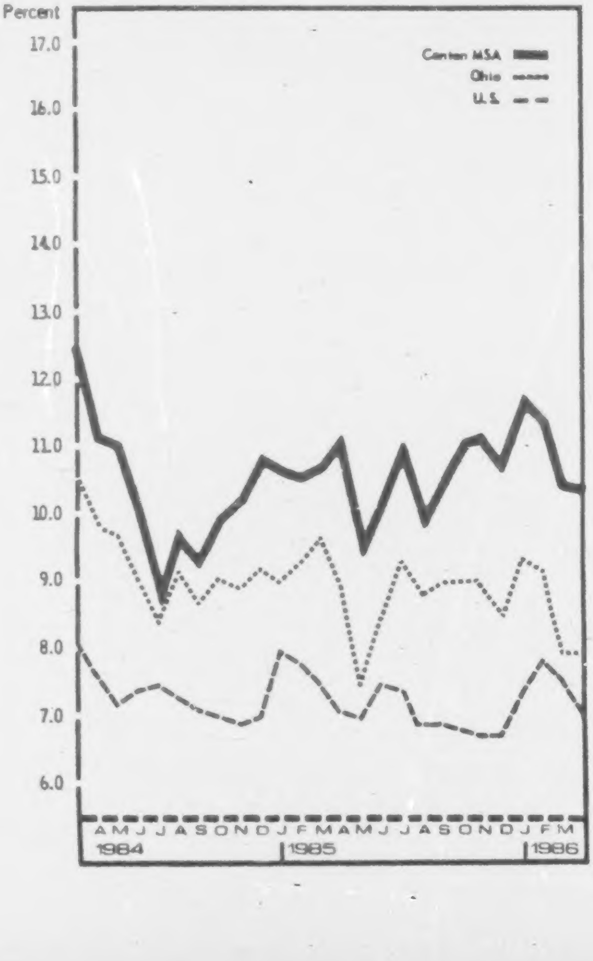
Nonagricultural wage and salary employment for the Canton area totaled 157,700 in May, an increase of 1,700 from April. Nonmanufacturing employment expanded 1,700 over the month. Seasonal increases in retail trade, construction, and services accounted for the improvement. Employment in manufacturing was unchanged, at 45,600. Production workers averaged a 40.3 hour workweek, up .4 hours from April. Their average hourly earnings were $11.19, rising $.09 from the previous month.

Nonagricultural employment rose 4,900 from May 1985. Sizable increases in retail trade and services were the primary causes of growth. Employment in manufacturing dropped 900 over the year. Declines in fabricated metal products and rubber and miscellaneous plastics products more than offset the gains in primary metals and food and kindred products.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



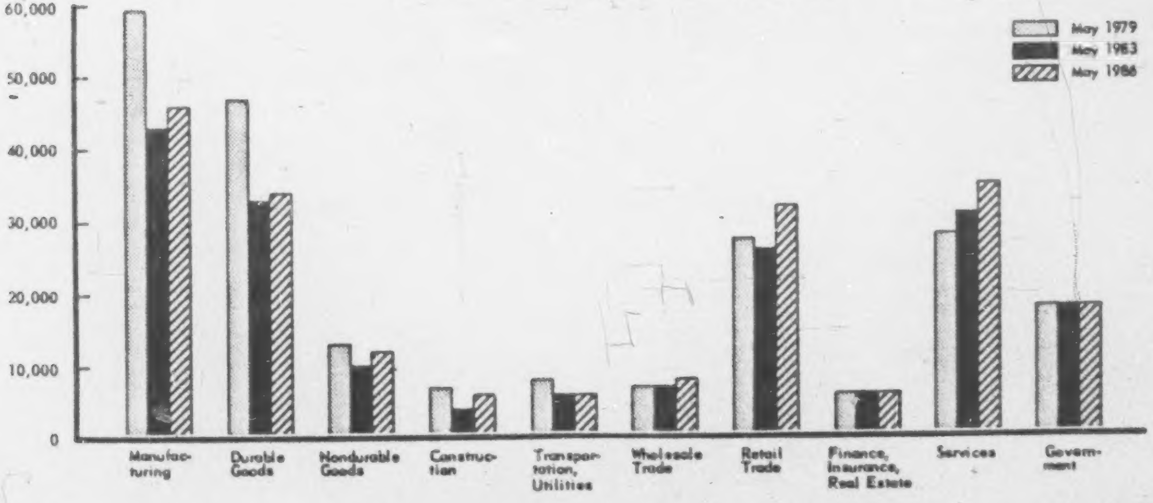
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
190.0	168.9	21.0	11.1	April	151.4	46.5	34.3	427.10	39.4	10.84
187.1	169.5	17.6	9.4	May	152.9	46.5	34.3	435.31	39.9	10.91
189.4	170.3	19.1	10.1	June	153.3	46.7	34.3	434.72	39.7	10.95
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.3	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.4	174.1	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
194.2	174.3	19.9	10.3	April	156.0	45.6	32.6	442.89	39.9	11.10
INA	INA	INA	INA	May	157.7	45.6	32.6	450.96	40.3	11.19

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	157.7	156.0	152.9	1.7	4.9
MANUFACTURING	45.6	45.6	46.5	.0	- .9
Durable Goods[e]	34.0	34.1	35.1	- .1	- 1.0
Primary metal industries	11.3	11.3	11.1	.0	.1
Fabricated metal products	6.9	6.9	7.5	- .1	- .6
Metal forgings and stampings	2.5	2.5	2.9	- .1	- .4
Nondurable Goods[f]	11.6	11.5	11.5	.1	.1
Food and kindred products	4.2	4.1	3.9	.1	.3
Rubber and misc. plastics products	2.6	2.7	2.9	.0	- .3
NONMANUFACTURING[g]	112.1	110.4	106.3	1.7	5.8
CONSTRUCTION	6.1	5.6	5.5	.6	.6
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	5.9	.0	.1
Communication, electric, gas services	2.6	2.7	2.8	- .1	- .1
WHOLESALE TRADE	7.9	7.7	7.8	.1	.1
Wholesale trade-durable goods	4.4	4.3	4.3	.0	.0
RETAIL TRADE	31.7	30.9	29.1	.7	2.6
General merchandise stores	3.8	3.7	3.6	.1	.2
Food stores	5.4	5.3	5.0	.1	.4
FINANCE, INSURANCE, AND REAL ESTATE	6.2	6.2	6.1	.0	.2
Banking	1.8	1.8	1.8	.0	.0
SERVICES	35.1	34.7	32.7	.4	2.4
Health services	13.9	13.8	13.8	.1	.1
GOVERNMENT	17.8	17.9	18.1	- .1	- .3
State government (includes education)	1.7	1.8	1.6	.0	.1
Local government	14.7	14.8	15.2	- .1	- .5
Local government education	8.6	8.7	9.0	- .1	- .4
Local government, except education	6.1	6.1	6.2	.0	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

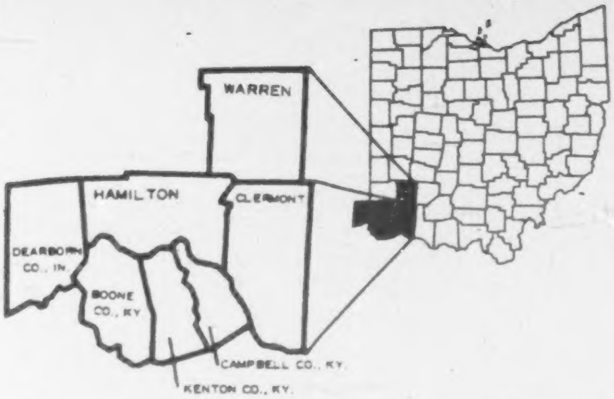
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$450.96	$442.89	$435.31	40.3	39.9	39.9	$11.19	$11.10	$10.91
Durable Goods[e]	469.04	463.45	446.88	40.4	40.3	39.9	11.61	11.50	11.20
Primary metal industries	475.78	469.85	466.80	38.4	37.8	38.2	12.39	12.43	12.22
Fabricated metal products	532.08	502.52	496.58	43.4	42.3	41.8	12.26	11.88	11.88
Metal forgings and stampings	675.91	607.77	620.98	43.3	40.9	42.1	15.61	14.86	14.75
Nondurable Goods[f]	392.43	379.08	395.81	39.8	38.8	39.9	9.86	9.77	9.92
Food and kindred products	431.83	405.99	413.66	40.7	39.0	40.2	10.61	10.41	10.29
Rubber and misc. plastics products	434.30	421.94	446.09	41.6	40.3	43.1	10.44	10.47	10.35
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	503.20	510.14	488.76	40.0	40.2	40.9	12.58	12.69	11.95
WHOLESALE TRADE	342.72	351.62	329.76	35.7	36.4	36.0	9.60	9.66	9.16
RETAIL TRADE[h]	156.89	156.16	157.97	29.0	28.6	29.2	5.41	5.46	5.41

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Depressed due to labor-management disputes.

Selected Administrative Program Activities

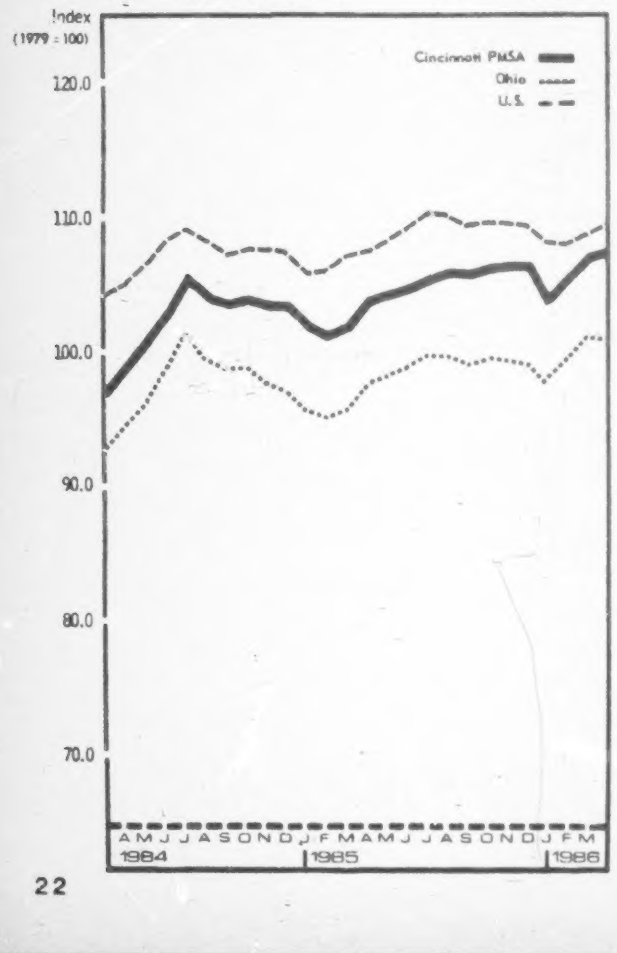
	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	1,623	1,680	1,883
Active File of Job Seekers	19,984	20,428	20,054
Referrals to Jobs	973	1,006	1,009
Placements	293	302	352
Job Openings Received	591	559	662
Job Openings Unfilled	466	400	436
Unemployment Insurance Program			
Initial Claims	2,536	2,882	2,663
Continued Claims	23,562	31,454	22,864
First Payments	1,025	1,021	950
Last Payments	639	525	525
Weeks Compensated	22,902	25,637	21,692
Benefits Paid	$3,365,740	$3,789,645	$3,090,809
Average Weekly Payment	$151.36	$151.97	$146.45

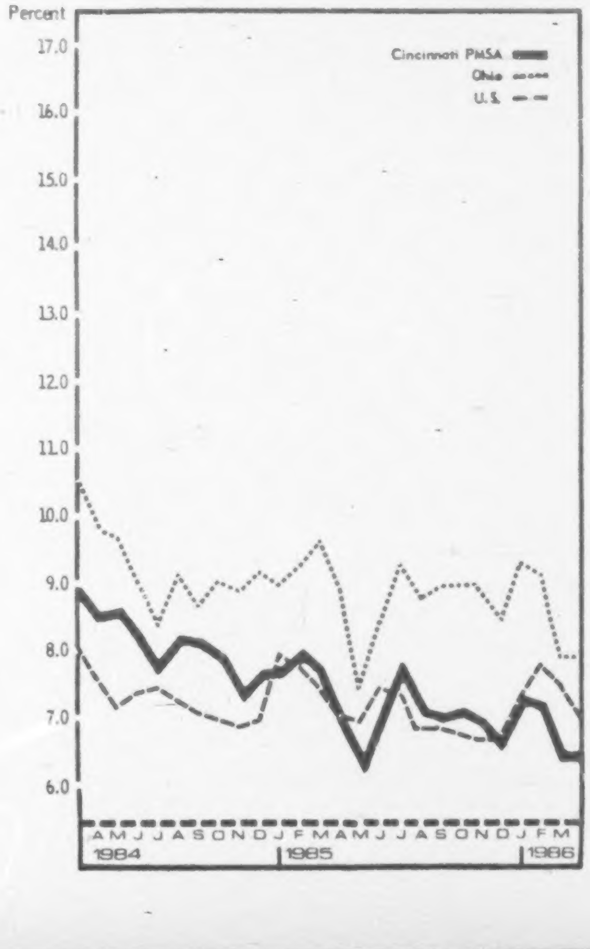
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in Cincinnati increased 3,400 from April, to 652,000 in May. Nonmanufacturing employment increased 5,700 from April. Service industries showed the greatest growth, with seasonal gains in amusement and recreation services. Seasonal expansion also continued in retail trade and construction. Manufacturing employment dropped 2,300 from April. The decrease occurred in motor vehicles and equipment, which lost 3,000 employees. Food and kindred products regained employees in May, after a loss in April. Production workers in manufacturing earned an average of $10.62 per hour, down $.05. The average workweek was 42.0 hours, up .6 hours from April.

Nonagricultural employment rose 21,700 from May 1985. Manufacturing dropped 2,700, due to losses in nearly all durable-goods industries, with the greatest decline in motor vehicles and equipment. Nearly all nonmanufacturing industries gained employment, with the most significant gains occurring in services, retail trade, and government.


INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)

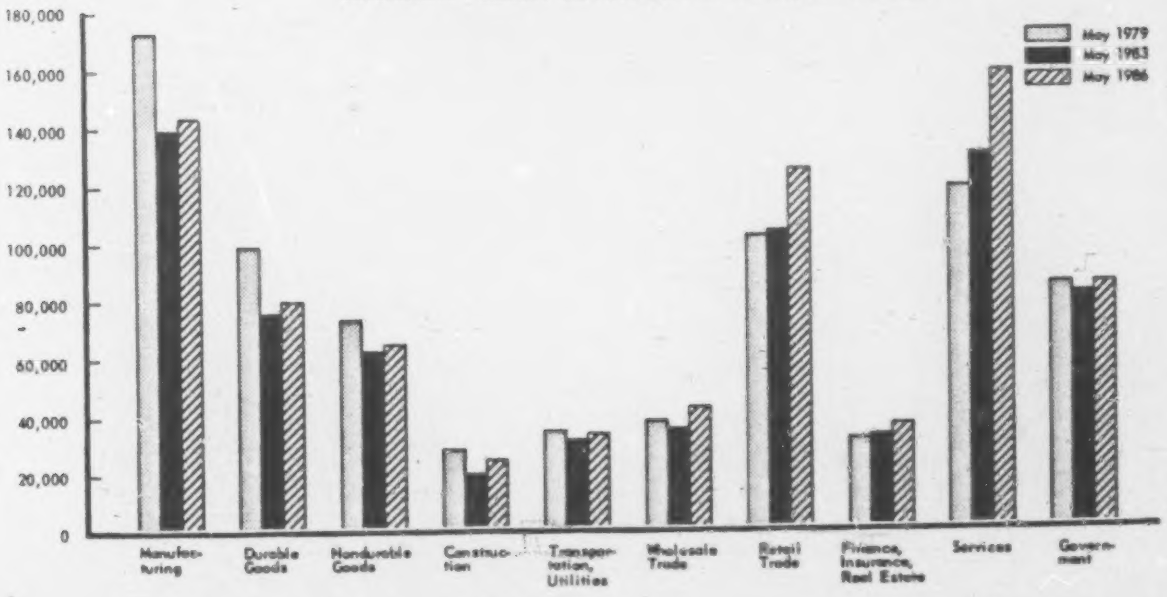
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
INA	INA	INA	INA	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.2	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
702.2	653.1	49.1	7.0	April	624.1	146.3	96.8	440.43	41.2	10.69
700.7	656.4	44.3	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
708.7	658.2	50.6	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
715.7	663.9	51.8	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
718.6	672.5	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
720.2	674.2	46.0	6.4	April	648.6	146.7	94.3	441.74	41.4	10.67
INA	INA	INA	INA	May	652.0	144.4	91.7	446.04	42.0	10.82

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	652.0	648.6	630.3	3.4	21.7
MANUFACTURING	144.4	146.7	147.1	- 2.3	- 2.7
Durable Goods[e]	79.7	82.6	82.9	- 2.8	- 3.2
Fabricated metal products	10.7	10.8	11.1	- .1	- .4
Fabricated structural metal products	3.8	3.8	4.1	.0	- .3
Machinery, except electrical	21.1	21.0	21.6	.0	- .6
Metalworking machinery	9.1	9.1	9.6	.0	- .5
General industrial machinery	2.9	2.9	3.0	.9	- .1
Electric and electronic equipment	7.6	7.8	7.9	- .2	- .3
Transportation equipment	25.4	28.2	27.4	- 2.8	- 2.0
Motor vehicles and equipment	5.8	8.8	10.1	- 3.[illegible]	- 4.3
Nondurable Goods[f]	64.6	64.1	64.2	.5	.5
Food and kindred products	12.8	12.2	12.6	.6	.2
Beverages	4.1	3.6	-4.1	.5	.0
Apparel and other textile products	3.3	3.4	3.7	- .1	- .4
Paper and allied products	6.0	6.1	6.1	- .1	- .1
Printing and publishing	12.2	12.3	12.5	.0	- .3
Commercial printing	5.3	5.4	5.3	- .1	.1
Chemicals and allied products	21.8	21.8	21.0	.0	.8
Rubber and misc. plastics products	5.4	5.4	5.3	.0	.1
NONMANUFACTURING[g]	507.7	501.9	483.2	5.7	24.4
CONSTRUCTION	24.7	23.4	23.7	1.3	1.0
TRANSPORTATION AND PUBLIC UTILITIES	34.0	33.8	33.9	.1	.1
Trucking and warehousing	10.0	10.0	9.8	.0	.2
Communication, electric, gas services	14.5	14.5	14.7	.0	- .2
WHOLESALE TRADE	42.7	42.3	41.1	.4	1.6
Wholesale trade-durable goods	25.3	25.1	24.5	.2	.9
RETAIL TRADE	124.8	123.4	117.7	1.3	7.0
General merchandise stores	19.8	19.8	18.7	.0	1.1
FINANCE, INSURANCE, AND REAL ESTATE	37.2	36.8	35.4	.3	1.8
Banking	8.2	8.1	7.7	.1	.5
Insurance carriers	11.7	11.7	11.3	.0	.4
SERVICES	158.9	157.0	148.9	1.9	9.9
Hotels and other lodging places	6.7	6.5	6.2	.3	.5
Personal services	8.0	8.1	7.6	- .1	.4
Business services	37.0	36.6	32.3	.4	4.7
Amusement and recreation services	9.3	8.3	9.0	1.0	.4
Health services	46.9	46.8	46.5	.1	.4
GOVERNMENT	85.0	84.8	82.0	.3	3.0
Federal government	13.1	13.2	13.1	- .1	.1
State government	19.6	19.8	18.5	- .1	1.2
State government education	12.0	12.1	11.2	- .1	.8
State government, except education	7.7	7.7	7.3	.0	.4
Local government	52.3	51.8	50.5	.5	1.8
Local government education	30.2	29.9	29.2	.3	1.0
Local government, except education	22.1	21.9	21.4	.2	.7

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$446.04	$441.74	$437.18	42.0	41.4	41.4	$10.62	$10.67	$10.56
Durable Goods[e]	443.52	450.43	429.27	42.2	41.9	41.0	10.51	10.75	10.47
Fabricated metal products	386.04	385.28	397.32	41.2	40.9	42.0	9.37	9.42	9.46
Fabricated structural metal products	406.14	416.07	429.13	42.0	41.9	43.7	9.67	9.93	9.82
Machinery, except electrical	430.57	426.86	389.30	43.1	42.9	40.3	9.99	9.95	9.66
Metalworking machinery	469.94	464.53	427.73	42.8	42.5	40.2	10.98	10.93	10.64
General industrial machinery	425.65	423.64	362.50	44.9	44.5	40.1	9.48	9.52	9.04
Electric and electronic equipment	355.92	354.08	351.95	40.4	40.1	40.5	8.81	8.83	8.69
Transportation equipment	637.82	633.24	597.13	45.3	44.5	42.5	14.08	14.23	14.05
Motor vehicles and equipment	750.30	695.98	655.60	47.1	44.5	44.0	15.93	15.64	14.90
Nondurable Goods[f]	448.51	431.01	444.94	41.8	40.7	41.7	10.73	10.59	10.67
Food and kindred products	466.52	445.46	502.67	42.8	41.4	43.0	10.90	10.76	11.69
Beverages	498.67	500.17	483.03	41.8	41.2	40.9	11.93	12.14	11.81
Apparel and other textile products	217.74	212.25	208.28	38.0	37.7	37.8	5.73	5.63	5.51
Paper and allied products	397.76	400.66	385.85	40.3	40.8	41.4	9.87	9.82	9.32
Printing and publishing	434.17	431.55	431.32	38.8	38.6	39.9	11.19	11.18	10.81
Commercial printing	471.51	484.79	480.99	40.3	41.4	41.5	11.70	11.71	11.59
Chemicals and allied products	526.49	514.50	519.98	42.7	42.0	41.9	12.33	12.25	12.41
Rubber and misc. plastics products	446.03	348.84	393.42	47.5	40.8	45.8	9.39	8.55	8.59
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	515.99	511.83	498.63	39.6	39.8	39.7	13.03	12.86	12.56
WHOLESALE TRADE	387.73	379.49	375.14	40.9	40.5	40.6	9.48	9.37	9.24
RETAIL TRADE[h]	158.89	160.31	161.76	29.1	29.2	29.9	5.46	5.49	5.41
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	249.06	248.47	235.19	....	....	....	.....	.....	.....

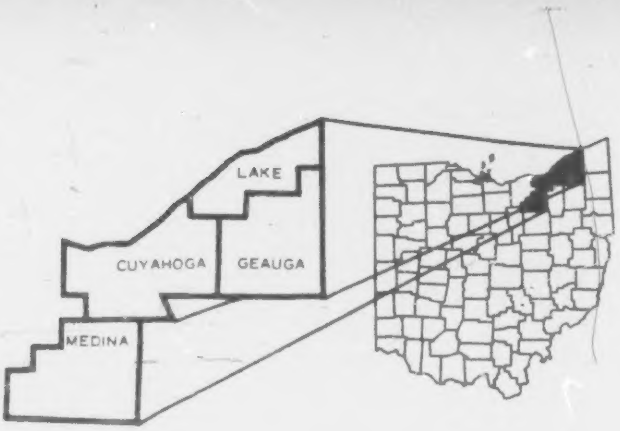
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	3,744	4,274	4,825
Active File of Job Seekers	29,755	31,141	30,541
Referrals to Jobs	2,329	2,384	2,453
Placements	653	573	663
Job Openings Received	1,336	1,566	1,630
Job Openings Unfilled	2,284	2,204	3,060
Unemployment Insurance Program			
Initial Claims	6,820	4,544	4,838
Continued Claims	45,663	50,697	44,492
First Payments	2,706	1,904	1,963
Last Payments	779	732	928
Weeks Compensated	41,248	41,129	39,552
Benefits Paid	$6,235,295	$5,963,579	$5,555,013
Average Weekly Payment	$153.77	$147.79	$143.29

[a] Ohio data only

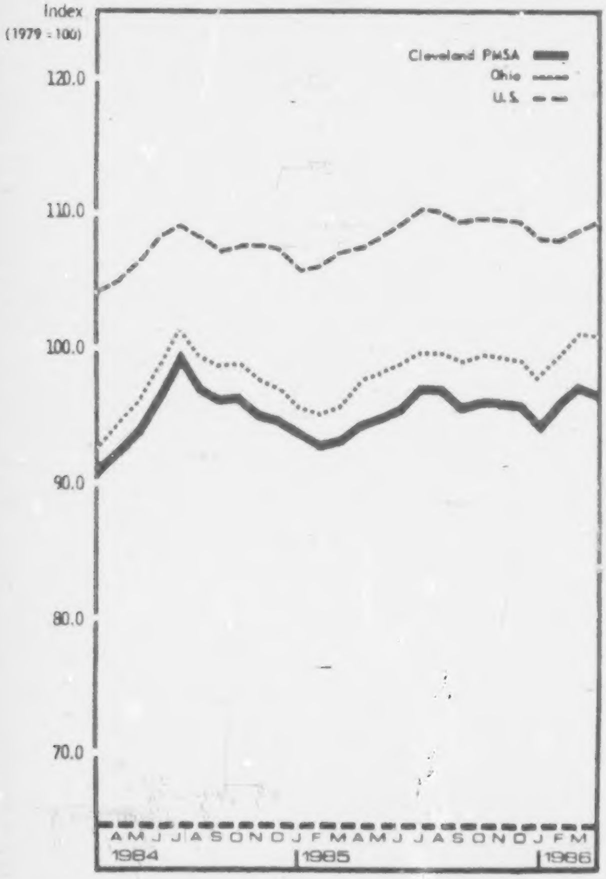
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



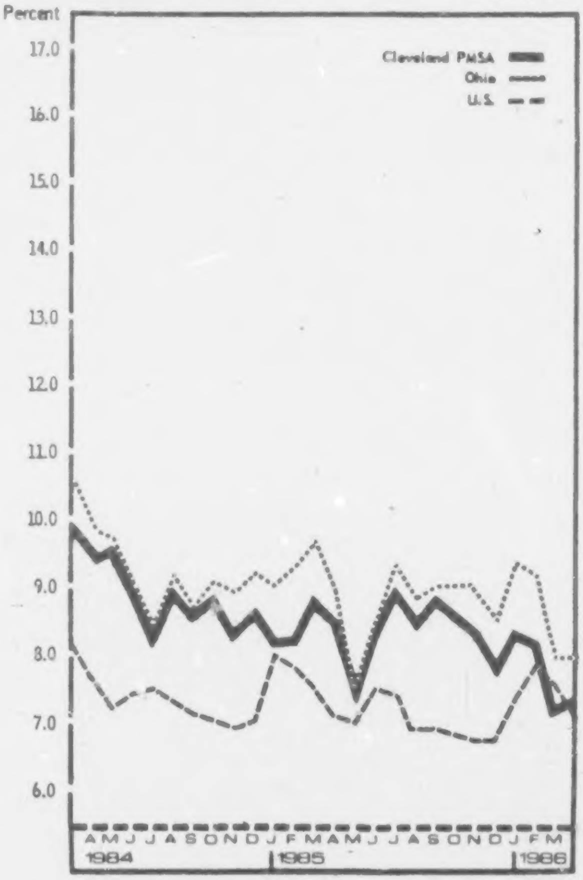
Cleveland's nonagricultural wage and salary employment totaled 889,700 in May, an increase of 9,100 over the April level. Nonmanufacturing employment rose 8,800, due primarily to seasonal gains in construction, retail trade, and services, especially business services and amusement and recreation services. Manufacturing employment advanced slightly, as scattered growth in several industries countered losses in nonelectrical machinery. Production workers averaged $11.39 per hour, down $.06 from April. Their average workweek declined .5 hours, to 41.4 hours.

Nonfarm employment in the Cleveland area rose 19,100 between May 1985 and May 1986. Significant growth in services—mainly business and health services—and in retail trade contributed most to this increase, although nearly all nonmanufacturing sectors recorded gains. Manufacturing employment declined 6,000 during the period. The greatest reductions were in nonelectrical machinery, fabricated metal products, electric and electronic equipment, and chemicals and allied products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



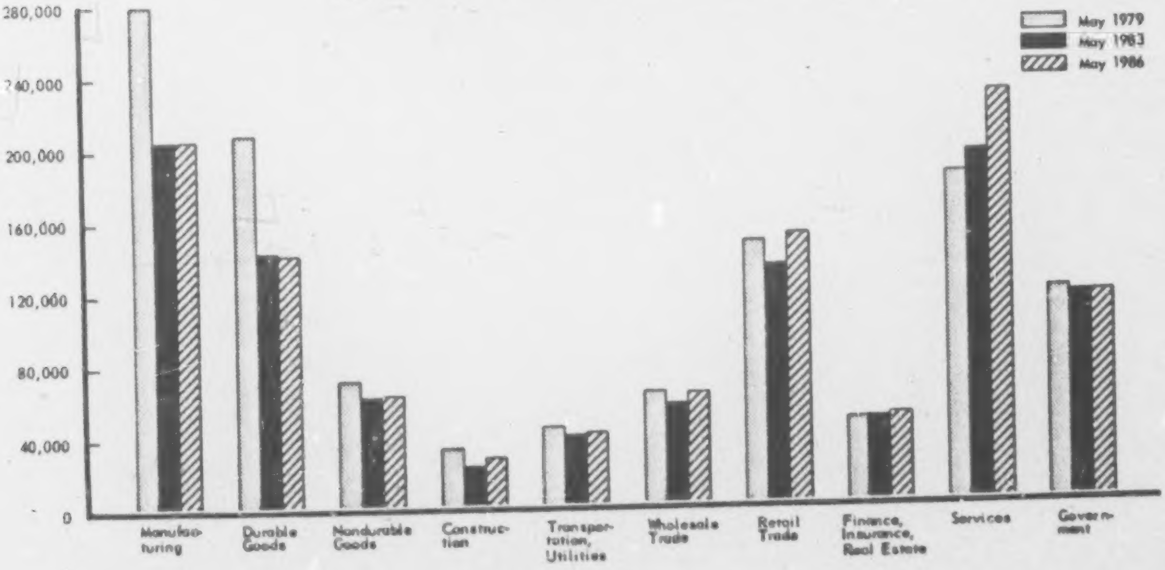
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Hours and Earnings: Average Weekly Hours	Hours and Earnings: Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$ 227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.[illegible]	135.1	467.74	41.8	11.19
				1985						
915.8	839.0	76.8	8.4	April	861.6	211.3	135.0	464.82	41.8	11.12
908.9	842.7	66.1	7.3	May	870.6	212.0	135.6	469.14	42.0	11.17
926.3	849.3	77.1	8.3	June	876.8	212.3	136.0	472.22	42.2	11.19
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.[illegible]	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
931.6	865.3	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
927.0	859.5	67.5	7.3	April	880.6	205.7	132.6	479.76	41.9	11.45
INA	INA	INA	INA	May	889.7	206.0	133.0	471.55	41.4	11.39

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	**889.7**	**880.6**	**870.6**	**9.1**	**19.1**
MANUFACTURING	**206.0**	**205.7**	**212.0**	**.4**	**- 6.0**
Durable Goods[e]	142.1	142.0	147.3	.1	- 5.2
Primary metal industries	22.2	22.2	22.6	.0	- .4
Blast furnace and basic steel products	10.4	10.4	10.6	.0	- .2
Iron and steel foundries	5.4	5.5	5.5	- .1	.0
Fabricated metal products	32.5	32.4	33.5	.1	- 1.0
Fabricated structural metal products	4.0	3.9	3.8	.1	- .1
Screw machine products, bolts, etc.	4.7	4.7	4.8	.0	- .1
Metal forgings and stampings	10.8	10.8	11.4	.0	- .6
Machinery, except electrical	31.0	31.2	33.3	- .2	- 2.3
Construction and related machinery	3.0	3.0	3.7	.0	- .7
Metalworking machinery	9.8	9.8	10.7	.0	- .9
Special industry machinery	3.3	3.4	3.7	- .1	- .4
General industrial machinery	2.9	2.9	3.0	.0	- .1
Electric and electronic equipment	19.1	19.1	19.9	.0	- .8
Electrical industrial apparatus	6.9	6.9	7.0	.0	- .1
Transportation equipment	19.7	19.7	20.1	.0	- .4
Motor vehicles and equipment	12.6	12.6	13.0	.0	- .4
Instruments and related products	7.6	7.7	7.8	- .1	- .3
Measuring and controlling devices	4.2	4.2	4.2	.0	.1
Nondurable Goods[f]	63.9	63.6	64.7	.3	- .7
Food and kindred products	7.1	7.1	6.8	.1	.3
Apparel and other textile products	4.7	4.7	4.9	.0	- .2
Paper and allied products	5.1	5.2	5.4	.0	- .3
Printing and publishing	15.6	15.4	15.8	.2	- .2
Chemicals and allied products	13.6	13.6	14.1	- .1	- .6
Rubber and misc. plastics products	11.9	11.9	11.7	.0	.2
NONMANUFACTURING[g]	**683.7**	**675.0**	**658.6**	**8.8**	**25.1**
CONSTRUCTION	28.8	27.0	27.8	1.9	1.1
TRANSPORTATION AND PUBLIC UTILITIES	42.2	42.0	41.3	.3	.9
Trucking and warehousing	11.8	11.6	11.1	.2	.7
Communication, electric, gas services	18.4	18.4	18.4	.0	.0
WHOLESALE TRADE	64.1	63.9	62.7	.1	1.4
Wholesale trade-durable goods	44.7	44.6	43.7	.1	1.0
RETAIL TRADE	150.8	148.0	146.5	2.8	4.3
General merchandise stores	19.6	19.4	20.3	.2	- .7
FINANCE, INSURANCE, AND REAL ESTATE	51.2	50.5	48.9	.7	2.3
Banking	13.1	13.0	12.7	.1	.5
Credit agencies other than banks	8.3	8.1	7.9	.2	.3
Insurance carriers	11.6	11.4	11.5	.2	.1
SERVICES	228.7	226.0	214.5	2.7	14.1
Business services	50.9	50.1	45.1	.8	5.8
Amusement and recreation services	8.2	7.4	8.7	.9	- .5
Health services	69.1	68.8	66.7	.4	2.5
GOVERNMENT	116.8	116.5	115.8	.3	1.1
Federal government	20.0	19.9	19.5	.1	.4
State government	7.8	8.4	7.7	- .6	.1
State government education	2.8	3.1	2.8	- .3	.1
State government, except education	5.0	5.3	4.9	- .3	.1
Local government	89.0	88.2	88.5	.8	.5
Local government education	44.3	44.2	44.0	.0	.3
Local government, except education	44.8	43.9	44.5	.8	.3

Hours & Earnings of Production or Nonsupervisory Workers[a]

Cleveland PMSA

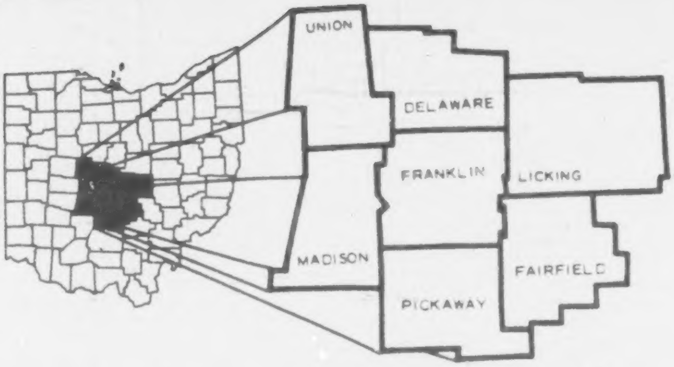
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$471.55	$479.76	$469.14	41.4	41.9	42.0	$11.39	$11.45	$11.17
Durable Goods[e]	503.58	513.83	500.12	42.0	42.5	42.6	11.99	12.09	11.74
Primary metal industries	564.81	571.30	547.72	41.9	42.1	41.4	13.48	13.57	13.23
Blast furnace and basic steel products	511.76	511.76	502.21	37.3	37.3	36.9	13.72	13.72	13.61
Iron and steel foundries	789.71	801.71	781.55	48.3	48.5	49.0	16.35	16.53	15.95
Fabricated metal products	492.05	500.64	488.32	42.2	42.9	43.1	11.66	11.67	11.33
Fabricated structural metal products	378.48	404.12	412.43	41.5	43.5	44.3	9.12	9.29	9.31
Screw machine products, bolts, etc	428.58	438.96	410.90	42.1	42.7	42.1	10.18	10.28	9.76
Metal forgings and stampings	648.81	658.21	627.79	44.5	45.3	45.1	14.58	14.53	13.92
Machinery, except electrical	458.20	473.61	473.27	41.7	42.4	43.3	10.94	11.17	10.93
Construction and related machinery	398.82	400.86	414.10	41.2	41.8	40.4	9.68	9.59	10.25
Metalworking machinery	409.25	400.18	398.45	40.6	39.7	40.7	10.08	10.08	9.79
Special industry machinery	468.29	464.54	512.31	40.3	40.5	43.9	11.62	11.47	11.67
General industrial machinery	464.78	454.76	441.50	43.6	42.7	43.8	10.66	10.65	10.08
Electric and electronic equipment	412.38	418.24	394.57	39.5	40.1	39.3	10.44	10.43	10.04
Electrical industrial apparatus	435.31	444.11	407.64	39.9	40.3	39.5	10.91	11.02	10.32
Transportation equipment	680.47	704.59	673.26	45.7	46.6	46.4	14.89	15.12	14.51
Motor vehicles and equipment	707.79	740.47	733.73	45.4	46.6	47.8	15.59	15.89	15.35
Instruments and related products	401.14	394.88	403.42	41.1	40.5	42.6	9.76	9.75	9.47
Measuring and controlling devices	396.47	373.03	408.97	41.0	39.6	43.6	9.67	9.42	9.38
Nondurable Goods[f]	391.42	392.12	389.21	39.9	40.3	40.5	9.81	9.73	9.61
Food and kindred products	376.18	376.38	385.33	40.8	41.0	41.3	9.22	9.18	9.33
Apparel and other textile products	283.39	278.82	268.21	36.9	36.4	37.2	7.68	7.66	7.21
Paper and allied products	438.48	445.73	432.73	41.8	42.9	42.3	10.49	10.39	10.23
Printing and publishing	401.68	394.50	385.02	37.4	37.5	37.2	10.74	10.52	10.35
Chemicals and allied products	469.99	477.05	483.36	41.3	41.7	42.7	11.38	11.44	11.32
Rubber and misc. plastics products	356.34	363.79	362.94	41.1	42.4	42.4	8.67	8.58	8.56
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	552.27	544.79	523.81	41.0	40.9	40.7	13.47	13.32	12.87
WHOLESALE TRADE	384.15	383.11	362.74	39.4	39.7	39.3	9.75	9.65	9.23
RETAIL TRADE[h]	178.07	173.68	173.60	28.4	27.7	28.6	6.27	6.27	6.07
FINANCE, INSURANCE AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	294.21	292.22	264.04	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [e]Includes lumber and wood products, stone, clay and glass products, miscellaneous manufacturing [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products [g]Includes mining [h]Money payments only, tips not included [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education [j]Depressed due to labor-management disputes

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	6,706	6,421	8,593
Active File of Job Seekers	112,886	117,898	115,230
Referrals to Jobs	2,458	2,615	2,725
Placements	635	585	743
Job Openings Received	1,961	1,548	1,559
Job Openings Unfilled	2,991	2,401	3,064
Unemployment Insurance Program			
Initial Claims	7,642	7,554	9,335
Continued Claims	73,370	90,204	88,682
First Payments	3,256	3,183	3,620
Last Payments	1,688	1,601	1,721
Weeks Compensated	66,823	74,866	72,805
Benefits Paid	$10,023,910	$11,325,662	$10,671,489
Average Weekly Payment	$152.56	$153.78	$149.02

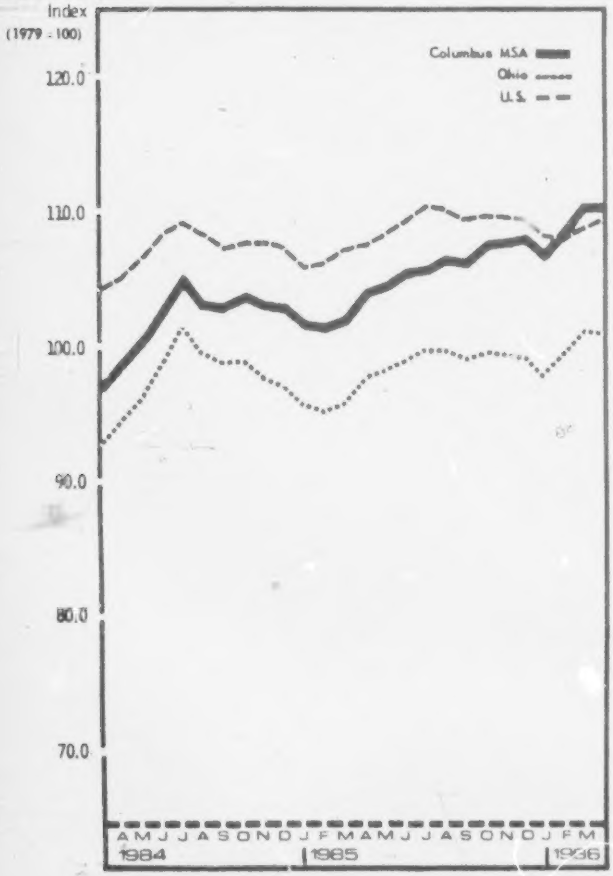
COLUMBUS
METROPOLITAN STATISTICAL AREA



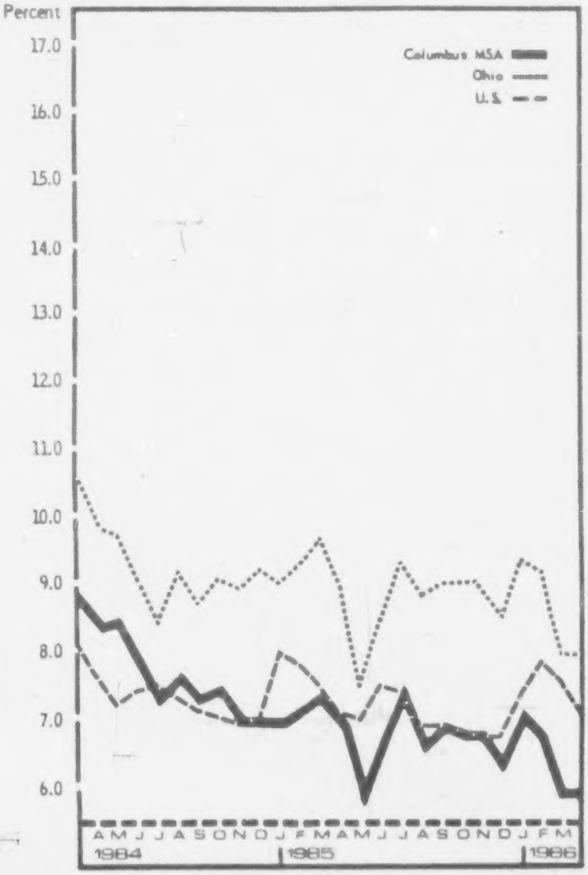
Nonfarm wage and salary employment in the Columbus area advanced 6,800 from April, to 641,800 in May. Nonmanufacturing employment increased 7,300 over the month, with continued seasonal growth in the retail trade, construction, and service industries. Manufacturing employment dropped 500, to 105,200 in May, due to declines in durable goods, especially fabricated metal products. Production workers in manufacturing earned an average of $11.18 per hour, virtually unchanged over the month. The average workweek was 41.2 hours, down .2 hours from April.

Nonagricultural employment rose 35,600 from May 1985. The growth occurred in nearly all nonmanufacturing industries, with the most significant gains in retail trade and services. Significant growth was also noted in government and finance, insurance, and real estate. Manufacturing employment declined 500 from May 1985. Growth in the transportation equipment industry was more than offset by declines in fabricated metal products and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



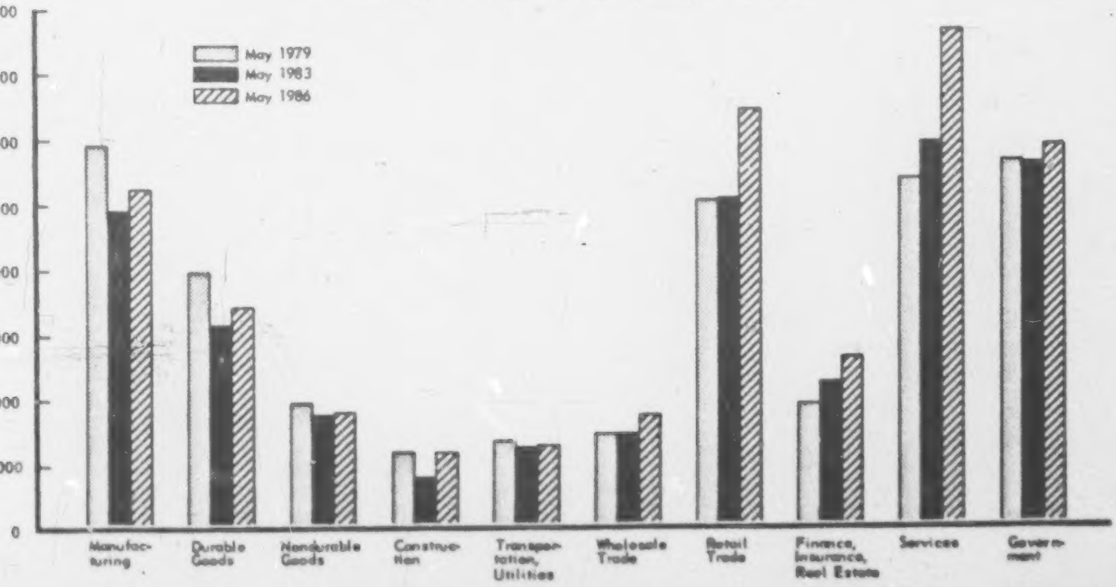
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$ 426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
644.3	600.5	43.8	6.8	April	599.1	105.2	70.3	441.72	40.9	10.80
640.8	604.3	36.5	5.7	May	606.3	105.7	70.8	433.76	40.5	10.71
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.3	615.1	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.5	627.0	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.4	637.2	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
675.4	636.3	39.1	5.8	April	635.1	105.7	70.6	462.44	41.4	11.17
INA	INA	INA	INA	May	641.8	105.2	69.9	460.62	41.2	11.18

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	641.8	635.1	606.3	6.8	35.6
MANUFACTURING	105.2	105.7	105.7	- .5	- .5
Durable Goods[e]	69.4	70.0	70.0	- .6	- .6
Stone, clay, and glass products	11.7	11.6	11.7	.0	- .1
Glass and glassware, pressed or blown	4.5	4.6	4.9	- .1	- .4
Fabricated metal products	9.6	9.9	10.8	- .3	- 1.2
Fabricated structural metal products	2.9	3.0	3.2	- .1	- .2
Machinery, except electrical	9.7	9.9	10.5	- .2	- .8
Electric and electronic equipment	10.6	10.7	11.6	- .1	- 1.0
Transportation equipment	16.4	16.3	14.1	.1	2.3
Instruments and related products	4.3	4.3	4.1	.0	.1
Nondurable Goods[f]	35.8	35.8	35.7	.1	.1
Food and kindred products	9.5	9.5	9.9	.0	- .3
Printing and publishing	9.9	9.8	9.4	.1	.5
Chemicals and allied products	6.8	6.9	6.9	- .1	- .1
Rubber and misc. plastics products	5.2	5.1	5.1	.1	.2
NONMANUFACTURING[g]	536.6	529.3	500.6	7.3	36.0
CONSTRUCTION	23.7	22.3	21.6	1.4	2.1
TRANSPORTATION AND PUBLIC UTILITIES	26.2	26.1	25.8	.2	.5
Trucking and warehousing	11.0	10.9	10.3	.1	.7
Communication, electric, gas services	11.0	11.0	11.4	.0	- .4
WHOLESALE TRADE	35.0	34.7	33.2	.2	1.8
Wholesale trade-durable goods	23.5	23.3	22.1	.2	1.4
RETAIL TRADE	128.8	126.4	118.8	2.4	10.0
General merchandise stores	15.3	15.4	15.7	- .1	- .4
FINANCE, INSURANCE, AND REAL ESTATE	51.7	51.4	48.6	.3	3.1
Banking	11.1	11.0	10.4	.1	.6
Insurance carriers	20.2	20.2	19.3	.0	1.0
SERVICES	152.6	150.0	137.9	2.6	14.6
Business services	35.1	34.5	30.0	.7	5.1
Health services	37.0	37.0	35.7	.0	1.3
GOVERNMENT	117.8	117.5	113.7	.3	4.1
Federal government	15.6	15.6	15.1	.0	.5
State government	52.0	52.1	50.1	- .1	1.9
State government education	22.7	22.8	21.8	- .1	.9
State government, except education	29.4	29.4	28.3	.0	1.1
Local government	50.1	49.7	48.5	.4	1.6
Local government education	30.1	29.9	29.2	.2	.9
Local government, except education	20.1	19.8	19.3	.2	.7

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

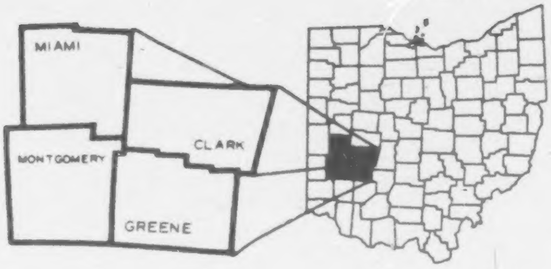
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$460.62	$462.44	$433.76	41.2	41.4	40.5	$11.18	$11.17	$10.71
Durable Goods[e]	475.36	480.38	450.77	41.3	41.7	40.5	11.51	11.52	11.13
Stone, clay, and glass products	477.15	485.85	450.72	40.3	41.0	40.1	11.84	11.85	11.24
Glass and glassware, pressed or blown	453.37	461.04	421.98	39.7	40.8	39.0	11.42	11.30	10.82
Fabricated metal products	479.60	493.29	494.88	40.0	40.5	40.3	11.99	12.18	12.28
Fabricated structural metal products	410.40	420.86	377.89	40.0	41.1	38.6	10.26	10.24	9.79
Machinery, except electrical	399.90	402.73	392.03	38.6	39.1	39.4	10.36	10.30	9.95
Electric and electronic equipment	467.62	454.51	442.82	41.2	40.8	40.7	11.35	11.14	10.88
Transportation equipment	573.86	588.01	516.53	45.4	46.3	42.2	12.64	12.7[illegible]	12.24
Instruments and related products	397.31	395.75	369.07	40.5	40.3	39.6	9.81	9.82	9.32
Nondurable Goods[f]	425.95	422.06	392.52	40.8	40.7	40.3	10.44	10.37	9.74
Food and kindred products	406.96	408.00	391.82	40.9	40.8	40.9	9.95	10.00	9.58
Printing and publishing	499.95	491.53	456.30	39.9	39.8	38.9	12.53	12.35	11.73
Chemicals and allied products	513.28	501.23	466.49	41.9	41.7	41.8	12.25	12.02	11.16
Rubber and misc. plastics products	328.45	324.82	308.47	40.4	40.3	39.7	8.13	8.06	7.77
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	534.90	532.36	514.16	40.4	40.3	40.2	13.24	13.21	12.79
WHOLESALE TRADE	320.50	320.19	295.28	38.2	38.3	38.7	8.39	8.36	7.63
RETAIL TRADE[h]	166.17	167.02	167.32	28.6	28.6	29.2	5.81	5.84	5.73
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	251.78	240.81	247.31	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	5,315	5,613	5,928
Active File of Job Seekers	43,622	44,884	47,746
Referrals to Jobs	3,328	2,757	3,033
Placements	1,102	704	622
Job Openings Received	3,001	2,122	2,182
Job Openings Unfilled	6,442	5,812	6,284
Unemployment Insurance Program			
Initial Claims	4,818	4,773	5,092
Continued Claims	40,261	47,760	42,767
First Payments	2,035	1,939	1,866
Last Payments	870	693	758
Weeks Compensated	35,972	39,510	36,441
Benefits Paid	$5,215,384	$5,746,860	$5,094,291
Average Weekly Payment	$147.86	$148.14	$142.41

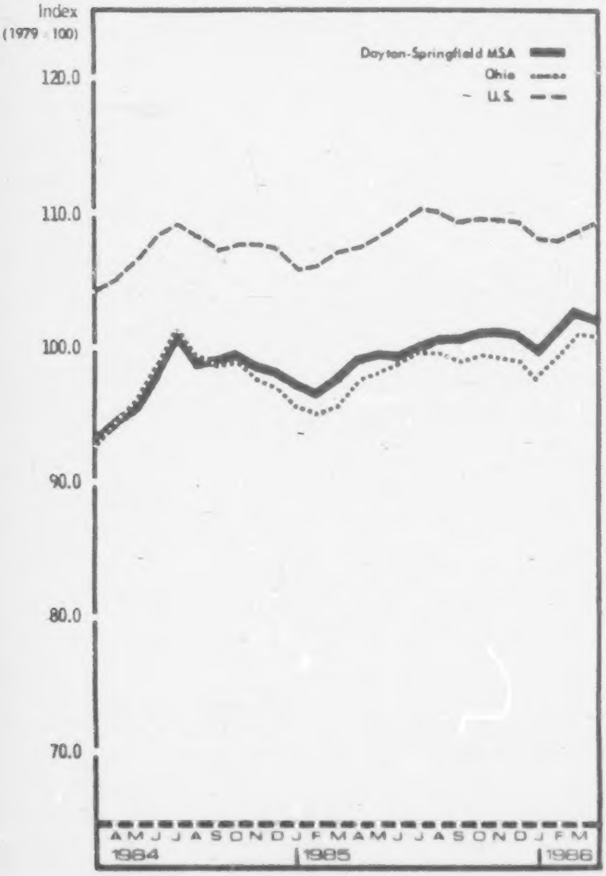
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



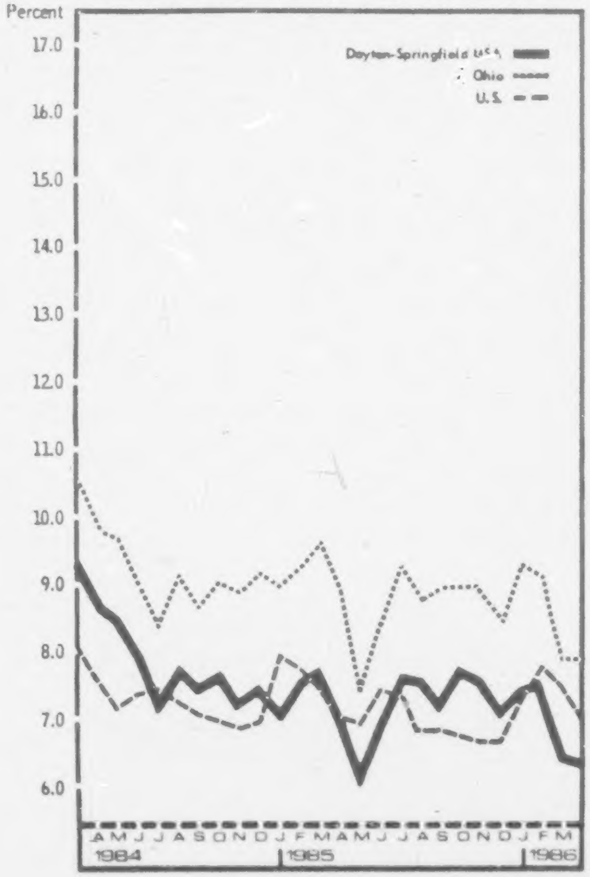
In the Dayton-Springfield area, nonagricultural wage and salary employment totaled 421,000 in May, up 4,000 from April. Employment in nonmanufacturing rose 3,900 over the month, as seasonal increases occurred in construction and in retail trade. Manufacturing employment, at 104,700, was little changed over the month. Production workers in manufacturing earned an average of $11.94 per hour, down $.08 from April. Over the month, their average workweek dropped slightly, to 42.4 hours.

From May 1985 to May 1986, nonagricultural employment rose 11,500. Employment was up in nearly all nonmanufacturing industries, with significant gains in services and retail trade. The number of manufacturing jobs declined 1,900 over the year, as losses were recorded in most durable-goods industries, especially nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



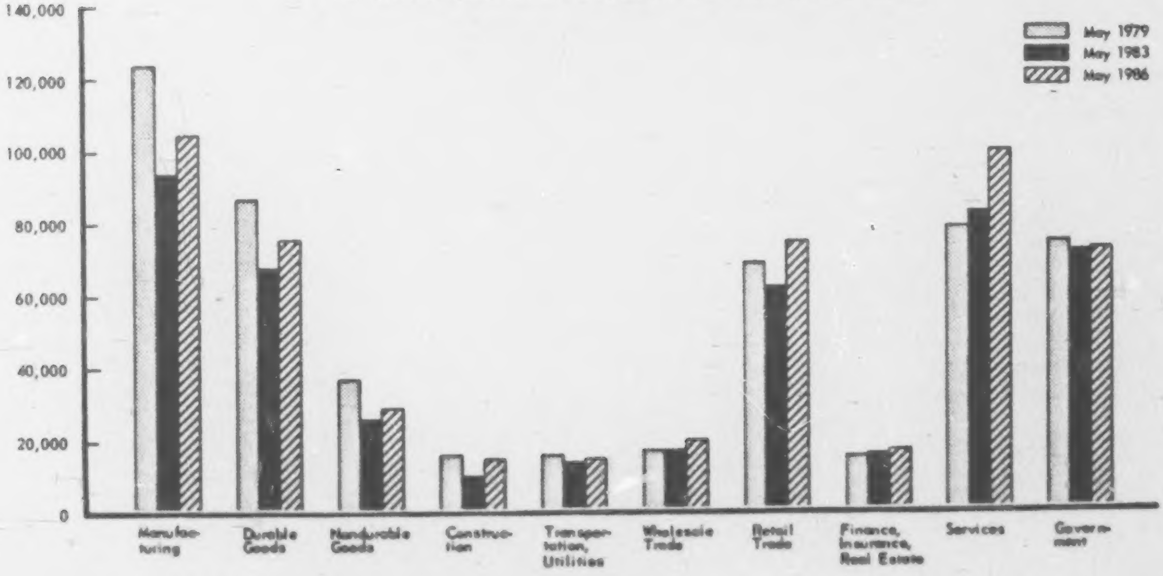
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
444.6	413.8	30.8	6.9	April	405.7	106.3	69.1	511.49	43.2	11.84
441.9	415.4	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.1	414.9	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.2	422.7	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
455.3	426.5	28.8	6.3	April	417.0	104.7	67.7	510.85	42.5	12.02
INA	INA	INA	INA	May	421.0	104.7	67.7	506.26	42.4	11.94

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton - Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	**421.0**	**417.0**	**409.5**	**4.0**	**11.5**
MANUFACTURING	**104.7**	**104.7**	**106.7**	**.1**	**- 1.9**
Durable Goods[e]	75.7	75.6	77.6	.1	- 1.9
Fabricated metal products	8.4	8.3	8.6	.1	- .2
Machinery, except electrical	31.7	31.6	32.8	.1	- 1.1
Metalworking machinery	7.2	7.2	6.9	.0	.2
General industrial machinery	2.6	2.4	2.9	.2	- .4
Electric and electronic equipment	5.1	5.1	5.5	.0	- .4
Electrical industrial apparatus	2.9	2.9	2.9	.0	- .1
Transportation equipment	21.7	21.8	21.6	- .1	.1
Nondurable Goods[f]	29.0	29.1	29.0	- .1	.0
Food and kindred products	3.0	2.9	2.8	.1	.1
Paper and allied products	5.7	5.7	5.8	.0	- .1
Printing and publishing	8.5	8.4	8.3	.1	.2
Rubber and misc. plastics products	8.2	8.4	8.3	- .2	- .1
NONMANUFACTURING[g]	**316.3**	**312.3**	**302.9**	**3.9**	**13.4**
CONSTRUCTION	15.1	14.0	13.7	1.1	1.4
TRANSPORTATION AND PUBLIC UTILITIES	15.2	15.0	14.5	.2	.7
Communication, electric, gas services	5.9	5.9	6.1	.0	- .2
WHOLESALE TRADE	19.9	19.8	19.1	.1	.8
Wholesale trade-durable goods	13.4	13.4	13.0	.1	.4
RETAIL TRADE	75.3	73.9	70.7	1.3	4.6
General merchandise stores	11.1	11.0	11.1	.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	17.2	16.8	16.6	.3	.5
Banking	4.2	4.2	4.1	.0	.1
Credit agencies other than banks	4.7	4.5	4.2	.2	.5
Insurance carriers	2.7	2.7	3.1	.0	- .4
SERVICES	99.8	99.1	94.3	.7	5.5
Business services	23.1	22.9	20.0	.3	3.1
Health services	33.8	33.6	33.5	.2	.2
Educational services	6.9	7.2	6.6	- .3	.3
GOVERNMENT	73.4	73.3	73.6	.1	- .1
Federal government	27.8	27.7	27.6	.1	.2
State government	6.6	6.9	6.4	- .2	.2
State government education[i]	4.0	4.2	3.9	- .2	.1
State government, except education	2.6	2.7	2.6	.0	.1
Local government	39.0	38.8	39.5	.2	- .5
Local government education	24.7	24.6	24.9	.0	- .3
Local government, except education	14.3	14.2	14.5	.2	- .2

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

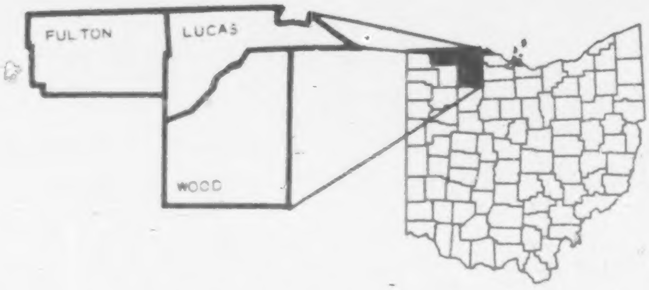
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$506.26	$510.85	$507.40	42.4	42.5	43.0	$11.94	$12.02	$11.80
Durable Goods[e]	517.59	526.81	514.94	42.6	42.9	43.2	12.15	12.28	11.92
Fabricated metal products	371.39	366.96	364.08	40.5	39.8	41.8	9.17	9.22	8.71
Machinery, except electrical	535.39	530.85	539.57	42.9	42.4	44.3	12.48	12.52	12.18
Metalworking machinery	521.74	517.95	532.38	44.9	45.0	46.7	11.62	11.51	11.40
General industrial machinery	430.73	387.34	414.12	41.1	37.9	40.8	10.48	10.22	10.15
Electric and electronic equipment	368.85	383.57	372.27	40.4	41.2	42.4	9.13	9.31	8.78
Electrical industrial apparatus	428.28	428.28	407.03	41.5	41.5	42.8	10.32	10.32	9.51
Transportation equipment	639.77	662.97	639.48	43.7	45.1	43.8	14.64	14.70	14.60
Nondurable Goods[f]	475.44	466.46	483.61	42.0	41.5	42.2	11.32	11.24	11.46
Food and kindred products	351.51	355.32	375.14	42.3	42.3	40.6	8.31	8.40	9.24
Paper and allied products	464.27	468.38	421.52	44.9	46.1	43.5	10.34	10.16	9.69
Printing and publishing	425.32	405.00	403.48	40.2	38.1	38.5	10.58	10.63	10.48
Rubber and misc. plastics products	597.38	580.56	634.60	41.6	41.0	44.1	14.36	14.16	14.39
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	521.09	513.90	510.32	39.9	39.5	39.9	13.06	13.01	12.79
WHOLESALE TRADE	374.77	372.88	366.95	39.7	39.5	41.0	9.44	9.44	8.95
RETAIL TRADE[h]	156.85	159.14	160.56	29.1	29.2	29.9	5.39	5.45	5.37

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, chemicals and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	2,569	2,872	4,527
Active File of Job Seekers	28,383	29,888	32,882
Referrals to Jobs	1,529	1,649	1,903
Placements	198	233	466
Job Openings Received	1,148	1,034	1,122
Job Openings Unfilled	1,483	1,378	1,685
Unemployment Insurance Program			
Initial Claims	2,954	2,759	2,815
Continued Claims	26,008	33,102	27,114
First Payments	1,228	1,328	1,132
Last Payments	637	690	619
Weeks Compensated	24,607	28,419	24,334
Benefits Paid	$3,392,971	$3,941,845	$3,154,345
Average Weekly Payment	$140.64	$141.35	$132.21

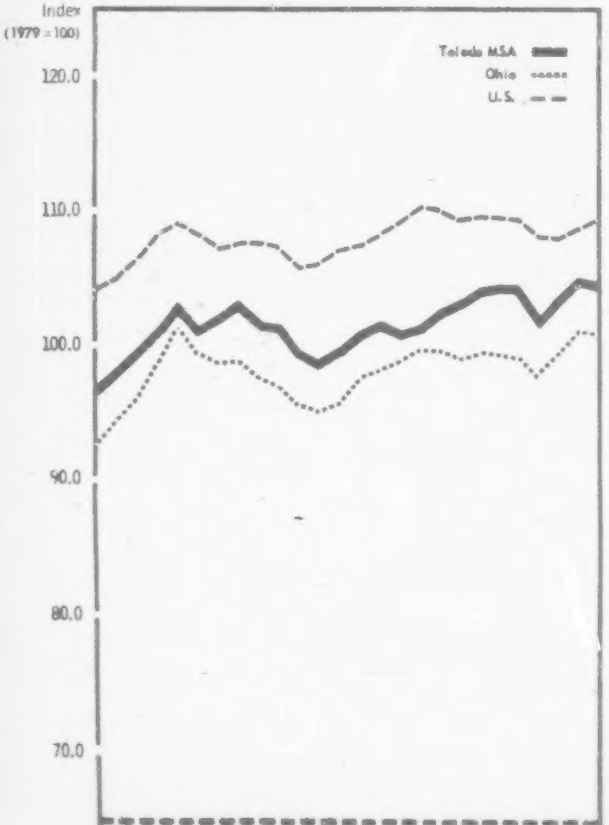
TOLEDO
METROPOLITAN STATISTICAL AREA



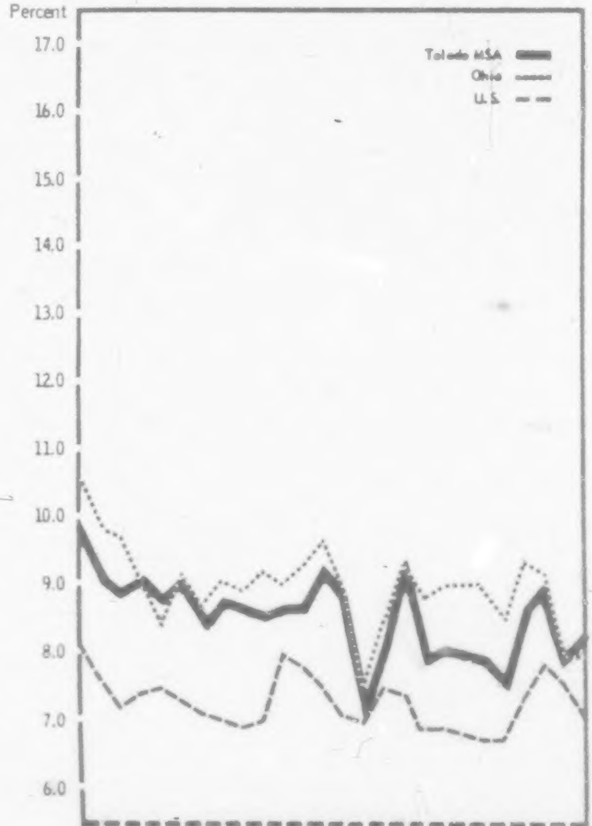
Nonagricultural wage and salary employment for the Toledo MSA increased 3,000 over April, to a level of 273,000 in May 1986. In nonmanufacturing, the divisions that posted the largest increases were retail trade and construction, up 1,000 and 800 workers, respectively. Manufacturing employment decreased by 400 workers to a May level of 62,100. Most durable-goods industries were down, with the largest decrease of 500 workers coming in transportation equipment. Nondurable-goods employment rose 300 workers for the month of May. Production workers in manufacturing worked an average of 42.4 hours per week in May, up .6 hours from the previous month. They earned an average of $12.43 an hour, up $.08 from last month.

Since May 1985, Toledo nonagricultural wage and salary employment has increased by 8,100. This increase occurred in nonmanufacturing, with the largest gains coming in services and retail trade, increasing by 4,200 and 3,300 workers, respectively. Manufacturing declined 2,700 over the year, due chiefly to losses in motor vehicles and equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



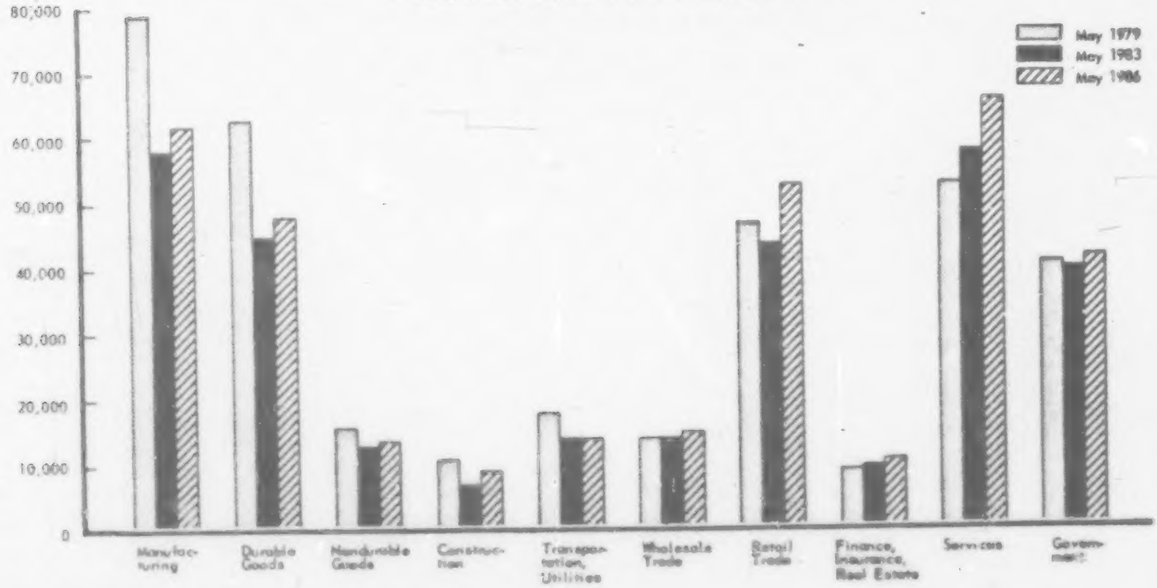
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
294.6	269.1	25.5	8.7	April	261.8	64.7	45.4	507.83	41.9	12.12
291.1	270.8	20.3	7.0	May	264.9	64.8	45.6	513.15	42.2	12.16
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.6	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
303.5	279.9	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
303.6	278.8	24.8	8.2	April	270.0	62.6	43.2	516.23	41.8	12.35
INA	INA	INA	INA	May	273.0	62.1	42.7	527.03	42.4	12.43

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	273.0	270.0	264.9	3.0	8.1
MANUFACTURING	62.1	62.6	64.8	- .4	- 2.7
Durable Goods[e]	47.9	48.6	51.0	- .7	- 3.1
Stone, clay, and glass products	8.8	8.8	8.8	.0	.0
Primary metal industries	3.4	3.4	3.5	- .1	- .1
Fabricated metal products	7.6	7.7	8.1	- .1	- .5
Metal forgings and stampings	3.5	3.5	3.7	.0	- .3
Machinery, except electrical	6.0	6.0	6.0	.0	.0
Electric and electronic equipment	2.8	2.8	3.2	.0	- .4
Transportation equipment	15.5	16.0	17.4	- .5	- 1.9
Motor vehicles and equipment	14.5	15.1	16.2	- .5	- 1.7
Nondurable Goods[f]	14.2	13.9	13.8	.3	.4
Food and kindred products	3.7	3.5	3.6	.2	.1
Rubber and misc. plastics products	3.1	3.1	2.8	.0	.3
NONMANUFACTURING[g]	210.9	207.5	200.1	3.4	10.8
CONSTRUCTION	9.1	8.3	8.3	.8	.8
TRANSPORTATION AND PUBLIC UTILITIES	14.1	13.9	14.0	.2	.1
Trucking and warehousing	5.6	5.5	5.4	.1	.1
Communication, electric, gas services	4.8	4.8	4.7	.0	.1
WHOLESALE TRADE	15.3	15.1	15.0	.1	.2
Wholesale trade-durable goods	10.2	10.0	10.2	.1	.0
RETAIL TRADE	52.9	51.9	49.5	1.0	3.3
General merchandise stores	6.9	6.7	7.0	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.4	11.0	10.1	.4	1.3
Banking	3.9	3.6	3.4	.3	.5
SERVICES	65.7	65.0	61.5	.7	4.2
Business services	12.0	11.9	10.3	.1	1.7
Health services	25.1	25.1	24.3	- .1	.8
GOVERNMENT	42.3	42.0	41.4	.3	.9
State government	15.9	16.0	15.4	- .1	.5
State government education[h]	11.9	12.0	11.6	.0	.3
State government, except education	4.0	4.0	3.8	.0	.2
Local government	23.8	23.5	23.5	.3	.3
Local government education	13.8	13.7	13.6	.1	.2
Local government, except education	10.0	9.8	9.9	.2	.0

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

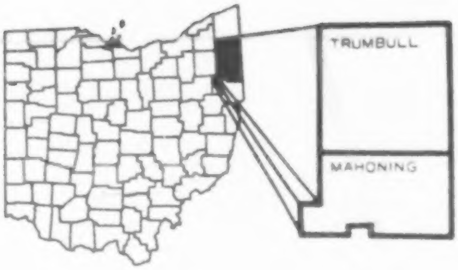
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$527.03	$516.23	$513.15	42.4	41.8	42.2	$12.43	$12.35	$12.16
Durable Goods[e]	552.10	539.25	538.02	42.6	41.9	42.7	12.96	12.87	12.60
Stone, clay, and glass products	555.15	556.10	510.34	44.2	44.1	41.9	12.56	12.61	12.18
Primary metal industries	508.03	485.47	467.15	44.8	43.0	43.7	11.34	11.29	10.69
Fabricated metal products	492.25	492.13	465.94	41.4	41.6	40.8	11.89	11.83	11.42
Metal forgings and stampings	574.63	578.98	548.47	41.7	42.2	41.9	13.78	13.72	13.09
Machinery, except electrical	467.60	457.88	428.22	41.9	41.4	40.9	11.16	11.06	10.47
Electric and electronic equipment	566.47	509.57	520.42	40.9	38.4	41.6	13.85	13.27	12.51
Transportation equipment	650.56	626.80	657.25	42.8	41.4	44.2	15.20	15.14	14.87
Motor vehicles and equipment	652.46	628.17	661.84	42.7	41.3	44.3	15.28	15.21	14.94
Nondurable Goods[f]	438.88	435.34	412.48	41.6	41.5	40.4	10.55	10.49	10.21
Food and kindred products	551.12	470.50	438.29	45.1	41.2	41.0	12.22	11.42	10.69
Rubber and misc. plastics products	310.86	347.36	312.80	39.6	41.6	39.1	7.85	8.35	8.00
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	581.40	567.95	516.72	42.1	41.7	40.4	13.81	13.62	12.79
WHOLESALE TRADE	362.16	361.92	319.29	38.9	39.0	36.7	9.31	9.28	8.70
RETAIL TRADE[h]	156.65	153.22	162.80	29.5	28.8	29.6	5.31	5.32	5.50

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	2,137	2,469	2,545
Active File of Job Seekers	27,160	27,379	29,104
Referrals to Jobs	873	1,048	1,768
Placements	266	266	450
Job Openings Received	518	482	914
Job Openings Unfilled	565	557	1,191
Unemployment Insurance Program			
Initial Claims	4,295	8,690	4,629
Continued Claims	33,344	42,814	26,233
First Payments	1,693	1,763	1,132
Last Payments	458	357	491
Weeks Compensated	31,678	30,504	21,882
Benefits Paid	$4,961,362	$4,646,228	$3,127,599
Average Weekly Payment	$160.03	$156.12	$147.03

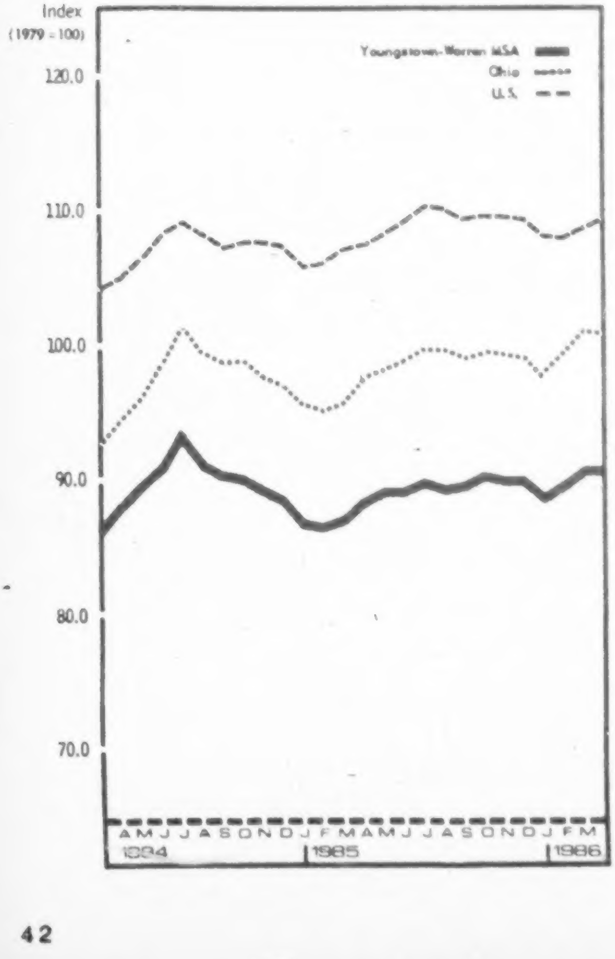
YOUNGSTOWN - WARREN
METROPOLITAN STATISTICAL AREA



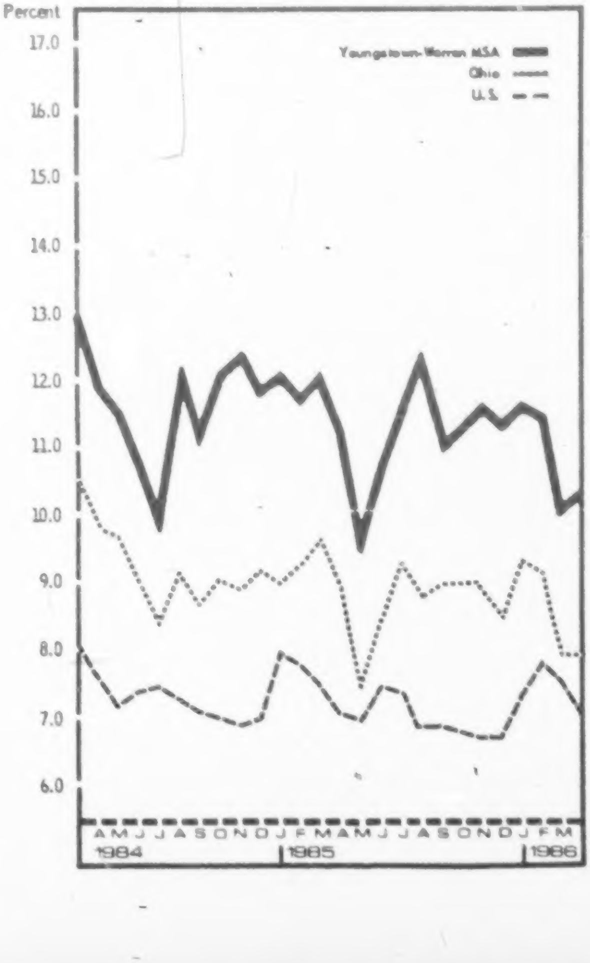
Nonagricultural wage and salary employment in the Youngstown-Warren area was 190,000 in May, an increase of 2,900 over the April level. This improvement occurred mostly in nonmanufacturing, with construction and services posting the largest monthly increases of 700 workers each. Retail trade and government also had greater employment. The May employment level for manufacturing was 51,800, an increase of 400 workers over April. Production workers in manufacturing worked an average of 40.7 hours per week, down .4 hours from April. They earned $13.20 an hour, down slightly from last month.

Since May 1985, the total nonagricultural wage and salary employment for the Youngstown-Warren MSA rose by 4,300 workers. Retail trade led this increase with an expansion of 1,800 workers, followed closely by services which increased by 1,600 workers. Manufacturing showed a net loss over the course of the year, with gains in transportation equipment overshadowed by losses in most other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



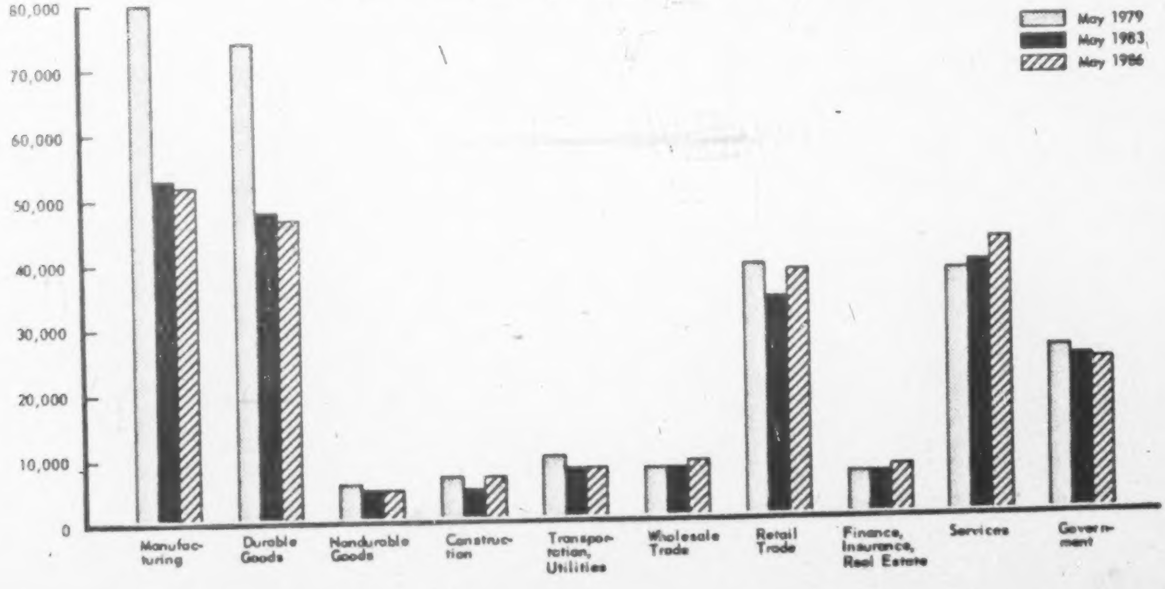
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
218.6	194.2	24.4	11.2	April	182.9	52.9	40.3	551.59	42.3	13.04
216.4	195.9	20.5	9.5	May	185.7	52.8	40.1	579.88	43.6	13.30
219.3	195.8	23.4	10.7	June	185.2	52.8	39.0	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.9	199.0	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
INA	INA	INA	INA	May	190.0	51.8	38.8	537.24	40.7	13.20

INA-information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown - Warren MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	May 1986[b]	April 1986[c]	May 1985[c]	From Last Month	From Last Year
TOTAL	190.0	187.0	185.7	2.9	4.3
MANUFACTURING	51.8	51.4	52.8	.4	- 1.0
Durable Goods[e]	46.5	46.3	47.7	.2	- 1.2
Primary metal industries	20.3	20.1	20.9	.2	- .6
Blast furnace and basic steel products	6.7	6.8	7.3	.0	- .5
Fabricated metal products	7.6	7.5	8.1	.1	- .5
Machinery, except electrical	3.3	3.3	4.1	.0	- .8
Electric and electronic equipment	2.3	2.4	2.5	.0	- .2
Transportation equipment	10.0	9.9	8.8	.1	1.2
Nondurable Goods[f]	5.3	5.1	5.1	.1	.2
NONMANUFACTURING[g]	138.2	135.6	132.9	2.6	5.3
CONSTRUCTION	6.9	6.2	6.3	.7	.6
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.7	7.6	.1	.2
Communication, electric, gas services	3.0	3.0	3.1	.0	- .1
WHOLESALE TRADE	9.2	9.2	8.7	.1	.5
Wholesale trade-durable goods	6.2	6.2	5.8	.1	.4
RETAIL TRADE	38.5	37.9	36.7	.6	1.8
General merchandise stores	5.4	5.4	5.7	.0	- .3
FINANCE, INSURANCE, AND REAL ESTATE	7.8	7.8	7.4	.1	.5
Banking	2.6	2.6	2.5	.0	.1
SERVICES	43.2	42.5	41.6	.7	1.6
Health services	17.9	17.9	18.2	.0	- .3
GOVERNMENT	23.9	23.6	23.8	.3	.1
State government	4.0	3.8	4.1	.2	- .1
State government education	2.5	2.3	2.7	.2	- .1
State government, except education	1.5	1.5	1.5	.0	.0
Local government	17.9	17.8	17.8	.1	.1
Local government education	11.4	11.4	11.4	.0	.0
Local government, except education	6.5	6.4	6.3	.1	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1986[b]	April 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]	May 1986[b]	Apr. 1986[c]	May 1985[c]
MANUFACTURING	$537.24	$542.93	$579.88	40.7	41.1	43.6	$13.20	$13.21	$13.30
Durable Goods[e]	554.60	560.03	599.28	40.9	41.3	44.0	13.56	13.56	13.62
Primary metal industries	538.32	548.63	581.50	38.7	39.3	41.3	13.91	13.96	14.08
Blast furnace and basic steel products	488.43	497.17	514.15	36.1	36.8	38.6	13.53	13.51	13.32
Fabricated metal products	587.12	555.96	592.19	42.3	41.0	43.1	13.88	13.56	13.74
Machinery, except electrical	454.41	468.76	471.42	40.5	41.3	41.1	11.22	11.35	11.47
Electric and electronic equipment	405.46	414.96	394.99	38.8	39.9	38.2	10.45	10.40	10.34
Transportation equipment	664.06	692.04	831.32	44.3	45.8	54.8	14.99	15.11	15.17
Nondurable Goods[f]	352.90	358.16	371.30	38.4	39.1	39.5	9.19	9.16	9.40
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	515.44	515.50	495.71	40.3	40.4	40.4	12.79	12.76	12.27
WHOLESALE TRADE	331.43	333.80	307.01	38.9	38.5	36.9	8.52	8.67	8.32
RETAIL TRADE[h]	171.80	166.70	166.28	30.3	29.4	29.8	5.67	5.67	5.58

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	May 1986	April 1986	May 1985
Employment Service Program			
New Applicants	2,189	2,285	3,075
Active File of Job Seekers	33,995	34,919	36,499
Referrals to Jobs	1,606	1,661	2,034
Placements	506	490	719
Job Openings Received	570	753	764
Job Openings Unfilled	524	634	595
Unemployment Insurance Program			
Initial Claims	4,098	5,316	4,654
Continued Claims	24,178	30,859	25,424
First Payments	1,274	1,233	1,371
Last Payments	514	534	557
Weeks Compensated	23,336	26,552	21,104
Benefits Paid	$3,353,531	$3,820,027	$3,027,691
Average Weekly Payment	$147.57	$147.63	$147.57

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	May 1986	April 1986	May 1985
New Applicants	42,607	46,033	52,376
Active File of Job Seekers	429,796	447,885	455,297
Counseling Interviews	2,660	2,313	2,862
Tests Administered	3,488	3,593	2,596
General Aptitude Tests	1,121	1,536	131
Proficiency Tests	537	995	1,009
Specific Aptitude Tests	637	768	1,266
Referrals to Jobs	25,719	27,392	27,700
Placements	6,778	6,480	7,972
Job Openings Received	15,018	14,674	15,821
Job Openings Unfilled	24,729	22,248	25,259

Selected Unemployment Insurance Activities

	May 1986	April 1986	May 1985
Initial Claims	57,347	59,632	61,110
Continued Claims	461,121	579,015	491,121
First Payments	22,558	21,357	21,371
Last Payments	10,140	9,478	10,312
Average Weekly Claimants	108,059	126,978	108,582
Average Weekly Benefit Recipients	92,561	111,554	93,953
Weeks Compensated	430,744	478,281	433,149
Benefits Paid	$63,411,938	$70,374,566	$61,722,953
Average Weekly Payment	$150.62	$150.42	$145.89
Continued Claims for Survey Week	106,675	125,127	103,955
Insured Unemployment Rate	2.6	3.1	2.7
Net Contributions	$327,904,012	$175,412,298	$386,436,255
Active Employer Accounts	192,297	192,000	190,474

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Ohio
Labor
Market
Information

Labor Market Review

June 1986

Summary. Ohio's seasonally adjusted unemployment rate rose from 8.1 percent in May, to 8.9 percent in June. The civilian labor force, at 5,184,000 in June, was down .3 percent. Total employment fell 56,000, to 4,722,000. There were 462,000 unemployed workers in Ohio in June, up 43,000 from May. The national seasonally adjusted unemployment rate fell slightly, from 7.3 percent in May, to 7.1 percent in June. Seasonally adjusted nonagricultural wage and salary employment in Ohio declined fractionally from May, to 4,502,000 in June, according to the latest employer survey. The decline resulted largely from a labor-management dispute during the survey week. (See page 3.)

Factory Employment. Seasonally adjusted manufacturing employment in Ohio, at 1,102,000 in June, was down 2,000 from May. Most of the loss occurred in nondurable-goods industries.

Nonmanufacturing. Nonmanufacturing employment in Ohio in June totaled 3,399,000, little changed from May. A decline of 6,000 in transportation and public utilities was due chiefly to a labor-management dispute. This loss was offset by gains in services (+4,000)and in retail trade (+2,000).

Over the Year. The seasonally adjusted civilian labor force in Ohio advanced 119,000, or 2.3 percent, from June 1985 to June 1986. Total employment increased 99,000, or 2.1 percent from last June. The unemployment rate rose from 8.7 percent in June 1985, to 8.9 percent in June 1986; 20,000 more persons were unemployed. The U.S. unemployment rate fell from 7.3 percent to 7.1 percent during the same period. Ohio nonagricultural wage and salary employment rose 135,000, or 3.1 percent, over the year. The increase was concentrated in nonmanufacturing. All divisions had more employment, with the exceptions of mining and transportation and public utilities. The largest gains occurred in services (+70,000) and retail trade (+48,000). Manufacturing employment declined 20,000 from June 1985. The loss was concentrated in durable-goods industries.

Factory Hours and Earnings. Manufacturing production workers in Ohio earned an average of $481.43 in June, up $1.15 from May. Their average hourly workweek rose fractionally, to 41.9 hours. The increases were due chiefly to increased overtime in nondurable-goods industries, especially chemicals and allied products and rubber and miscellaneous plastics products. Most durable-goods industries had lower earnings, with primary metals and electric and electronic equipment having the most significant losses.

Benefits and Costs. There were 54,748 initial claims filed under the Ohio Unemployment Compensation Law in June, down 4.5 percent from May, and down 5.4 percent from June 1985. The average weekly number of benefit recipients fell by 20,598, to 71,963. Total benefits of $50.0 million were paid, down 21.1 percent. The average weekly benefit check of $148.50

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

was $2.12 lower than in May. At the end of June, there were 192,819 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services aided 46,638 new job applicants in June, up 9.5 percent from May. There was a 14.2 percent decline in the total number of job openings received from employers, to 12,879. The Employment Services Division made 27,872 job referrals and 7,215 placements.

BANK ON OBES

Are you having difficulty locating the workers you need? You might be able to solve this problem by putting your job openings in the National Job Bank System through the Ohio Bureau of Employment Services (OBES).

A few facts about the National Job Bank System:

* It is part of the largest computerized network of job openings in the United States.

* It operates on three levels to fill your need for workers: locally, statewide and interstate-wide.

* It can provide national exposure of your job order without cost to you.

For further information, contact your nearest OBES office.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jun. 1986	May 1986	Jun. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,184	5,197	5,065	-13	119	-0.3	2.3
Employment	4,722	4,778	4,623	-56	99	-1.2	2.1
Unemployment	462	419	442	43	20	10.3	4.5
Unemployment Rate	8.9	8.1	8.7				
Employer Survey Data[e]							
Total	4,502	4,504	4,367	-2	135	-0.1	3.1
Manufacturing	1,102	1,104	1,123	-2	-20	-0.2	-1.8
Durable Goods	751	752	769	0	-18	-0.1	-2.3
Nondurable Goods	351	353	354	-2	-3	-0.4	-0.8
Nonmanufacturing	3,399	3,400	3,244	-1	155	0.0	4.8
Mining	25	25	26	-1	-1	-2.0	-5.4
Construction	162	162	153	0	9	0.1	6.0
Transportation and Public Utilities	198	203	202	-6	-5	-2.7	-2.3
Wholesale Trade	254	255	245	-1	9	-0.3	3.7
Retail Trade	836	834	788	2	48	0.2	6.1
Finance, Insurance, and Real Estate	227	227	218	0	10	0.0	4.5
Services	1,019	1,016	949	4	70	0.3	7.4
Government	678	678	663	1	15	0.1	2.2
Goods Producing Industries[f]	1,289	1,292	1,302	-2	-13	-0.2	-1.0
Service Producing Industries[g]	3,212	3,213	3,065	0	148	0.0	4.8

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable	Nondurable
					1984				
5,087	4,617	470	9.2	7.2	June	4,253	1,129	775	354
5,143	4,711	432	8.4	7.4	July	4,267	1,133	778	354
5,104	4,617	487	9.5	7.5	August	4,288	1,138	783	355
5,126	4,663	463	9.0	7.4	September	4,289	1,130	775	354
5,121	4,648	473	9.2	7.3	October	4,306	1,132	777	356
5,082	4,638	444	8.7	7.2	November	4,321	1,135	780	356
5,124	4,656	468	9.1	7.2	December	4,327	1,137	781	355
					1985				
5,111	4,667	444	8.7	7.4	January	4,323	1,134	779	355
5,135	4,678	457	8.9	7.3	February	4,328	1,133	778	356
5,143	4,673	470	9.1	7.3	March	4,343	1,129	774	355
5,148	4,684	464	9.0	7.3	April	4,358	1,127	772	355
5,071	4,659	412	8.1	7.3	May	4,376	1,127	772	355
5,065	4,623	442	8.7	7.3	June	4,367	1,123	769	354
5,100	4,626	474	9.3	7.3	July	4,376	1,118	767	351
5,104	4,645	459	9.0	7.1	August	4,384	1,116	763	353
5,154	4,678	476	9.2	7.1	September	4,394	1,110	757	353
5,154	4,688	466	9.0	7.1	October	4,410	1,115	763	353
5,181	4,723	458	8.8	7.0	November	4,430	1,121	767	354
5,186	4,749	437	8.4	6.9	December	4,449	1,126	772	354
					1986				
5,226	4,758	468	9.0	6.7	January	4,483	1,130	774	357
5,357	4,890	467	8.7	7.3	February	4,482	1,127	769	358
5,311	4,919	392	7.4	7.2	March	4,482	1,117	761	356
5,265	4,842	423	8.0	7.1	April	4,494	1,114	760	354
5,197	4,778	419	8.1	7.3	May	4,504	1,104	752	353
5,184	4,722	462	8.9	7.1	June	4,502	1,102	751	351

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,124	28	145	204	237	June	744	211	904	651
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,380	26	161	204	254	April	831	226	1004	675
3,400	25	162	203	255	May	834	227	1016	678
3,399	25	162	198	254	June	836	227	1019	678

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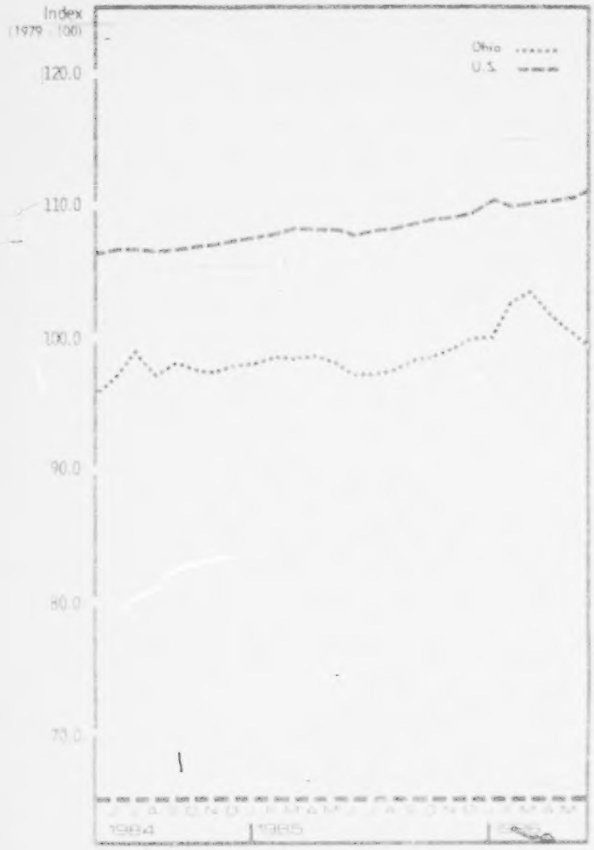
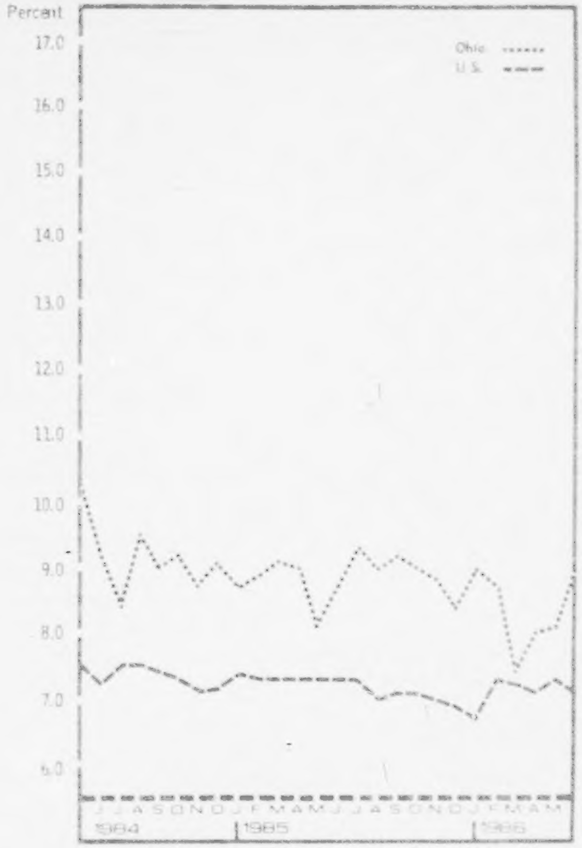
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Review*.

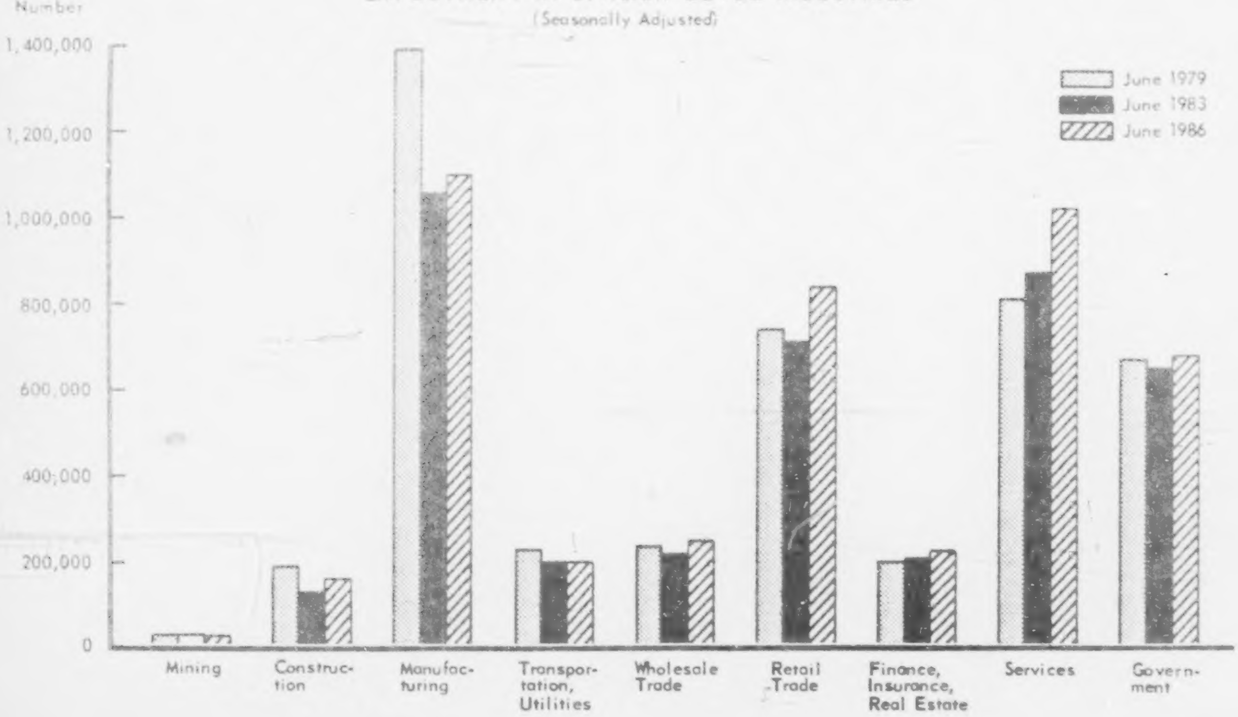
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates
(in thousands)

Ohio Nonagricultural Wage & Salary Employment
(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
Total	Employed	Unemployed	Ohio	U.S.			Manufacturing		
								Durable	Nondurable
4,723	4,294	429	9.1	8.5	1975	4,016.2	1,267.5	892.4	375.1
4,751	4,380	370	7.8	7.7	1976	4,094.6	1,295.3	910.6	384.6
4,833	4,520	312	6.5	7.1	1977	4,230.1	1,344.1	945.2	398.9
4,959	4,690	268	5.4	6.1	1978	4,394.9	1,377.2	974.5	402.7
5,059	4,760	299	5.9	5.8	1979	4,484.8	1,382.3	980.5	401.8
5,089	4,663	426	8.4	7.1	1980	4,367.4	1,264.3	882.6	381.8
5,100	4,608	492	9.6	7.6	1981	4,317.7	1,232.6	860.4	372.2
5,114	4,474	640	12.5	9.7	1982	4,124.3	1,099.9	752.4	347.5
5,099	4,478	621	12.2	9.6	1983	4,092.5	1,066.0	723.6	342.4
5,089	4,609	480	9.4	7.5	1984	4,260.2	1,127.0	773.4	353.6
5,130	4,675	455	8.9	7.2	1985	4,378.6	1,123.1	769.1	354.0
					1985				
5,146	4,707	439	8.5	7.5	June	4,411.9	1,130.4	774.8	355.6
5,237	4,750	487	9.3	7.4	July	4,383.5	1,120.4	768.3	352.1
5,207	4,751	456	8.8	6.9	August	4,385.8	1,118.4	761.3	357.2
5,185	4,719	466	9.0	6.9	September	4,437.7	1,121.4	762.6	358.8
5,216	4,747	469	9.0	6.8	October	4,456.8	1,119.8	765.5	354.4
5,200	4,734	466	9.0	6.7	November	4,473.1	1,123.1	768.2	354.9
5,156	4,721	436	8.5	6.7	December	4,483.7	1,123.6	769.5	354.1
					1986				
5,121	4,647	474	9.3	7.3	January	4,393.4	1,119.3	766.7	352.7
5,212	4,740	472	9.1	7.8	February	4,387.1	1,114.2	761.2	353.0
5,226	4,812	414	7.9	7.5	March	4,418.5	1,111.9	759.1	352.7
5,217	4,804	413	7.9	7.0	April	4,481.6	1,110.8	759.6	351.2
5,180	4,791	389	7.5	7.0	May	4,533.2	1,105.7	753.8	351.9
5,259	4,802	457	8.7	7.3	June	4,547.7	1,110.1	757.2	352.9

Ohio Nonmanufacturing Wage & Salary Employment
(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,281.5	26.5	161.3	204.7	246.9	June	794.4	219.8	965.1	662.7
3,263.2	26.8	168.1	204.4	248.1	July	797.4	221.4	966.3	630.8
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,427.5	25.1	162.5	203.9	254.5	May	836.8	227.4	1,024.9	692.4
3,437.7	25.0	170.9	199.8	256.0	June	842.9	229.7	1,036.6	676.8

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although oth[illegible]onths are subject to revision. Subtotals may not add to totals due to rounding. [b] Unemployment rates and averages are computed from unrounded figur[illegible] all data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio*

Manufacturing Employment
(in thousands)

Manufacturing	Durable Goods	Nondurable Goods	
1,267.5	892.4	375.1	1975
1,295.3	910.6	384.6	1976
1,344.1	945.2	398.9	1977
1,377.2	974.5	402.7	1978
1,382.3	980.5	401.8	1979
1,264.3	882.6	381.8	1980
1,232.6	860.4	372.2	1981
1,099.9	752.4	347.5	1982
1,066.0	723.6	342.4	1983
1,127.0	773.4	353.6	1984
1,123.1	769.1	354.0	1985
			1985
1,130.4	774.8	355.6	June
1,120.4	768.3	352.1	July
1,118.4	761.3	357.2	August
1,121.4	762.6	358.8	September
1,119.8	765.5	354.4	October
1,123.1	768.2	354.9	November
1,123.6	769.5	354.1	December
			1986
1,119.3	766.7	352.7	January
1,114.2	761.2	353.0	February
1,111.9	759.1	352.7	March
1,110.8	759.6	351.2	April
1,105.7	753.8	351.9	May
1,110.1	757.2	352.9	June

Production Workers in Manufacturing

	Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1975	897.8	$201.5	36.2
1976	926.1	233.9	38.2
1977	958.0	271.2	40.2
1978	985.5	302.5	41.5
1979	979.0	318.5	40.6
1980	867.8	301.9	35.2
1981	847.7	330.4	34.7
1982	735.7	297.1	29.5
1983	721.6	315.4	29.9
1984	781.5	362.3	33.1
1985	773.4	369.7	32.5
1985			
June	778.6	374.5	32.9
July	767.9	362.8	32.0
August	766.0	359.7	31.9
September	769.5	368.9	32.5
October	768.9	370.9	32.4
November	772.9	376.6	32.8
December	773.5	387.2	33.3
1986			
January	769.1	375.5	32.5
February	764.1	373.4	32.2
March	762.5	372.3	32.2
April	761.7	366.8	31.8
May	757.0	363.5	31.6
June	759.7	365.7	31.8

Production Workers Average Weekly Earnings

Manufacturing	Durable Goods	Nondurable Goods	
$224.47	$228.90	$211.85	1975
252.54	258.75	235.00	1976
283.08	292.02	258.34	1977
306.91	316.83	279.30	1978
325.36	335.30	297.78	1979
347.94	358.57	319.99	1980
389.78	401.64	358.16	1981
403.81	414.80	378.95	1982
437.18	452.35	402.52	1983
463.61	482.38	417.83	1984
477.96	499.56	425.80	1985
			1985
480.95	502.25	429.11	June
472.46	490.31	426.01	July
469.54	489.81	422.91	August
479.39	500.74	430.54	September
482.35	505.33	424.98	October
487.18	508.22	434.93	November
500.52	526.44	439.10	December
			1986
488.25	511.70	434.51	January
488.68	512.90	432.41	February
488.25	512.48	433.46	March
481.54	504.71	426.59	April
480.28	499.80	434.89	May
481.43	498.96	438.88	June

Production Workers Average Weekly Hours

Manufacturing	Durable Goods	Nondurable Goods	
40.3	40.3	40.2	1975
41.2	41.4	41.3	1976
42.0	42.2	41.4	1977
42.1	42.3	41.5	1978
41.5	41.6	41.1	1979
40.6	40.7	40.2	1980
40.9	40.9	40.7	1981
40.1	40.0	40.4	1982
41.4	41.5	41.2	1983
42.3	42.5	41.7	1984
42.0	42.3	41.3	1985
			1985
42.3	42.6	41.5	June
41.7	41.8	41.2	July
41.7	41.9	41.3	August
42.2	42.4	41.8	September
42.2	42.5	41.3	October
42.4	42.6	41.7	November
43.0	43.4	42.1	December
			1986
42.2	42.5	41.7	January
42.2	42.6	41.3	February
42.2	42.6	41.4	March
41.8	42.2	40.9	April
41.8	42.0	41.3	May
41.9	42.0	41.6	June

Production Workers Average Hourly Earnings

	Manufacturing	Durable Goods	Nondurable Goods
1975	$5.57	$5.68	$5.27
1976	6.10	6.25	5.69
1977	6.74	6.92	6.24
1978	7.29	7.49	6.73
1979	7.84	8.06	7.25
1980	8.57	8.81	7.96
1981	9.53	9.82	8.80
1982	10.07	10.37	9.38
1983	10.56	10.90	9.77
1984	10.96	11.35	10.02
1985	11.38	11.81	10.31
1985			
June	11.37	11.79	10.34
July	11.33	11.73	10.34
August	11.26	11.69	10.24
September	11.36	11.81	10.30
October	11.43	11.89	10.29
November	11.49	11.93	10.43
December	11.64	12.13	10.43
1986			
January	11.57	12.04	10.42
February	11.58	12.04	10.47
March	11.57	12.03	10.47
April	11.52	11.96	10.43
May	11.49	11.90	10.53
June	11.49	11.88	10.55

*Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	91.0
			1985				1985			
51.0	103.9	140.8	June	167.7	90.5	151.9	June	62.7	66.5	91.6
50.7	103.3	138.3	July	166.3	89.7	151.1	July	62.7	66.5	88.7
51.2	99.0	137.2	August	164.2	89.8	150.5	August	65.5	66.8	90.5
51.4	98.5	139.1	September	164.0	89.2	150.9	September	65.9	66.9	91.4
51.2	99.0	138.7	October	163.4	89.1	154.5	October	63.3	67.1	91.3
51.0	101.3	138.6	November	162.9	88.1	157.2	November	62.9	67.5	91.7
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	91.7
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	91.7
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	91.4
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.3	90.9
50.2	100.2	136.1	June	159.0	87.6	153.0	June	63.3	67.2	91.1

Average Weekly Earnings of Production Workers

Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
441.41	560.19	492.90	June	481.17	433.13	635.40	June	410.11	386.05	442.90
438.90	544.13	486.88	July	471.94	422.65	613.20	July	422.94	395.26	431.15
439.74	552.30	468.86	August	469.14	430.77	612.76	August	413.27	397.97	422.42
439.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	403.52	431.63
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	426.38
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.33	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
442.57	545.16	490.47	June	481.50	447.99	617.38	June	417.66	406.45	442.37

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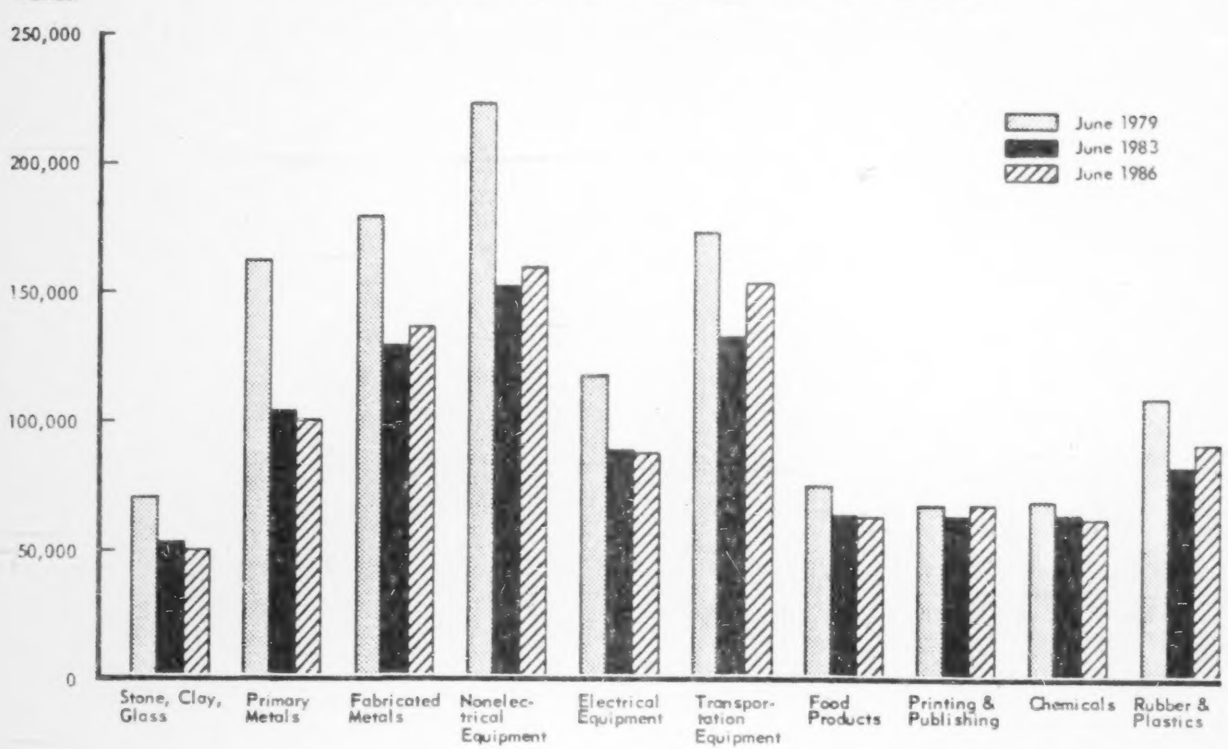
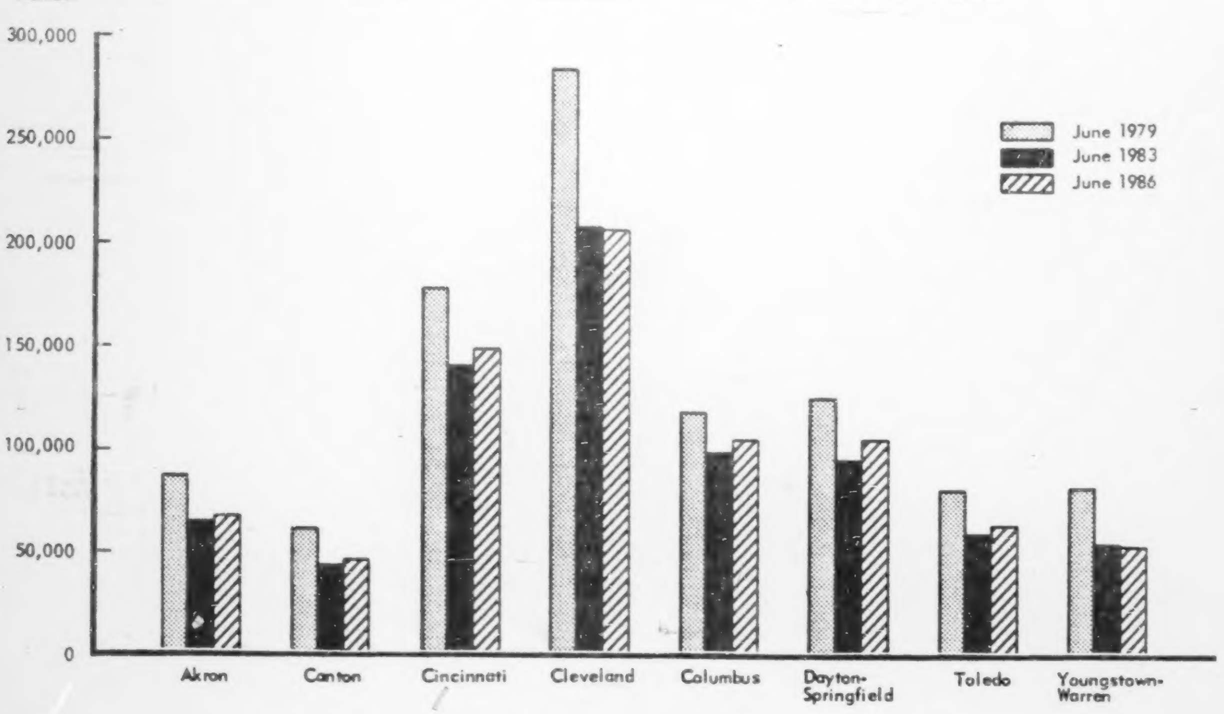
[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	4547.7	4533.2	4411.9	14.5	135.8
MANUFACTURING	1110.1	1105.7	1130.4	4.3	- 20.4
Durable Goods[e]	757.2	753.8	774.8	3.4	- 17.6
Lumber and wood products	18.5	18.1	17.5	.4	.9
Furniture and fixtures	15.0	14.9	14.6	.1	.4
Stone, clay, and glass products[e]	50.2	50.0	51.0	.1	- .8
Glass and glassware, pressed or blown	11.3	11.4	11.4	- .1	- .1
Primary metal industries	100.2	101.7	103.9	- 1.5	- 3.7
Blast furnace and basic steel products	46.3	46.5	47.8	- .2	- 1.6
Iron and steel foundries	20.7	21.4	21.5	- .7	- .8
Nonferrous rolling and drawing	18.0	18.4	18.6	- .4	- .6
Fabricated metal products	136.1	135.8	140.8	.3	- 4.8
Cutlery, hand tools, and hardware	10.3	10.5	11.5	- .2	- 1.2
Fabricated structural metal products	28.9	28.5	29.4	.4	- .6
Metal forgings and stampings	42.7	42.4	44.9	.3	- 2.2
Machinery, except electrical	159.0	158.6	167.7	.4	- 8.7
Construction and related machinery	13.8	13.8	15.6	.0	- 1.8
Metalworking machinery	41.1	41.1	42.7	.0	- 1.6
Special industry machinery	16.5	16.5	18.2	.0	- 1.7
General industrial machinery	28.9	28.8	30.7	.2	- 1.7
Office and computing machines	13.8	13.5	13.8	.2	- .1
Refrigeration and service machinery	16.8	16.6	17.3	.2	- .5
Electric and electronic equipment	87.6	87.7	90.5	- .1	- 2.9
Electrical industrial apparatus	17.1	17.0	18.2	.0	- 1.2
Household appliances	16.8	16.5	16.6	.3	.2
Electric lighting and wiring equipment	17.0	17.2	17.8	- .2	- .8
Communication equipment	9.8	9.9	11.0	- .1	- 1.2
Transportation equipment	153.0	149.7	151.9	3.4	1.2
Motor vehicles and equipment	96.8	94.0	99.7	2.8	- 2.9
Aircraft and parts	47.3	46.7	43.0	.6	4.3
Instruments and related products	23.4	23.5	22.9	- .1	.5
Measuring and controlling devices	12.8	12.7	12.2	.1	.6
Nondurable Goods[f]	352.9	351.9	355.6	1.0	- 2.7
Food and kindred products	63.3	62.8	62.7	.5	.6
Meat products	10.3	10.2	10.2	.1	.1
Dairy products	9.7	9.7	10.0	.0	- .3
Preserved fruits and vegetables	10.7	10.5	10.4	.2	.3
Bakery products	9.0	8.9	8.8	.1	.2
Beverages	10.1	10.2	10.2	.0	.0
Apparel and other textile products	16.0	16.2	16.8	- .2	- .8
Paper and allied products	36.0	36.2	36.8	- .2	- .8
Misc. converted paper products	11.8	11.9	11.9	- .1	- .1
Paperboard containers and boxes	11.7	11.8	12.2	- .1	- .5
Printing and publishing	67.2	67.3	66.5	.0	.8
Newspapers	18.8	18.8	18.5	.0	.4
Commercial printing	25.8	25.9	24.9	- .1	1.0
Chemicals and allied products	61.9	61.5	63.2	.3	- 1.3
Industrial inorganic chemicals	9.4	9.4	10.4	-.0	- 1.0
Rubber and misc. plastics products	91.1	90.9	91.6	.3	- .5
Tires and inner tubes	18.7	18.7	20.2	.0	- 1.5
Miscellaneous plastics products	52.7	52.6	50.9	.1	1.8

See footnotes on page 13.

Ohio (continued)

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3437.7	3427.5	3281.5	10.2	156.2
MINING	25.0	25.1	26.5	- .1	- 1.4
Bituminous coal and lignite mining	10.6	10.6	10.9	.0	- .3
Oil and gas extraction	9.7	9.9	10.8	- .2	- 1.1
CONSTRUCTION	170.9	162.5	161.3	8.3	9.5
General building contractors	42.9	41.2	39.9	1.7	2.9
Heavy construction contractors	25.3	23.1	23.7	2.2	1.6
Highway and street construction	11.8	10.6	10.9	1.3	.9
Special trade contractors	102.7	98.3	97.7	4.5	5.1
TRANSPORTATION AND PUBLIC UTILITIES	199.8	203.9	204.7	- 4.1	- 4.9
Railroad transportation	16.2	16.1	17.6	.0	- 1.4
Transportation, except railroads	99.3	98.3	96.4	1.0	2.9
Trucking and warehousing	71.2	70.4	68.9	.7	2.3
Communication, electric, gas services	84.3	89.4	90.7	- 5.2	- 6.4
Communication	44.5[j]	48.7	49.9	- 4.1	- 5.3
Electric, gas, and sanitary services	39.7	40.7	40.8	- 1.0	- 1.1
WHOLESALE TRADE	256.0	254.5	246.9	1.5	9.0
Wholesale trade-durable goods	162.7	161.9	156.9	.8	5.8
Motor vehicles & automotive equipment	25.4	25.1	24.0	.3	1.3
Electrical goods	21.0	20.9	20.5	.1	.5
Machinery, equipment, and supplies	68.4	68.1	65.9	.3	2.5
Wholesale trade-nondurable goods	93.3	92.6	90.0	.7	3.2
Groceries and related products	29.1	28.8	28.1	.4	1.1
RETAIL TRADE	842.9	836.8	794.4	6.1	48.5
General merchandise stores	112.1	111.9	110.7	.3	1.4
Department stores	102.5	102.1	101.4	.3	1.1
Food stores	129.8	129.6	125.7	.2	4.1
Automotive dealers & service stations	94.9	93.7	88.0	1.3	6.9
Apparel and accessory stores	38.7	38.9	36.4	- .2	2.3
Eating and drinking places	303.9	300.7	283.2	3.1	20.6
FINANCE, INSURANCE, AND REAL ESTATE	229.7	227.4	219.8	2.3	9.9
Banking	62.7	62.3	59.6	.3	2.9
Credit agencies other than banks	36.0	35.7	33.9	.3	2.1
Insurance carriers	59.4	59.1	58.9	.3	.5
Life insurance	21.1	21.1	22.1	.0	- 1.0
Fire, marine, and casualty insurance	28.7	28.4	27.8	.3	.8
SERVICES	1036.6	1024.9	965.1	11.7	71.5
Hotels and other lodging places	36.3	34.9	34.4	1.4	1.9
Personal services	56.2	55.8	51.7	.4	4.5
Laundry, cleaning, & garment services	19.1	19.0	18.0	.1	1.1
Business services	197.2	193.9	174.1	3.3	23.0
Services to buildings	29.2	29.0	26.3	.3	3.0
Computer and data processing services	18.9	18.6	15.7	.3	3.2
Amusement and recreation services	55.2	49.0	50.2	6.2	4.9
Health services	341.3	338.6	329.9	2.7	11.5
Nursing and personal care facilities	73.5	72.7	71.4	.8	2.2
Hospitals	169.1	168.7	166.3	.5	2.8
Educational services	59.4	65.2	54.0	- 5.7	5.5
Colleges and universities	31.6	36.3	27.2	- 4.7	4.3
GOVERNMENT	676.8	692.4	662.7	- 15.5	14.1
Federal government	93.1	93.2	92.6	- .1	.5
State government	144.5	153.7	139.7	- 9.2	4.8
State government education	71.0	82.3	68.4	- 11.4	2.6
State government, except education	73.5	71.4	71.3	2.1	2.2
Local government	439.2	445.5	430.4	- 6.3	8.9
Local government education	248.9	260.4	240.1	- 11.5	8.8
Local government, except education	190.4	185.1	190.3	5.3	.1

See footnotes on page 13.

Ohio

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$481.43	$480.28	$480.95	41.9	41.8	42.3	$11.49	$11.49	$11.37
Durable Goods[e]	498.96	499.80	502.25	42.0	42.0	42.6	11.88	11.90	11.79
Lumber and wood products	296.93	288.64	307.02	40.9	40.2	41.1	7.26	7.18	7.47
Furniture and fixtures	337.83	338.62	314.81	40.9	40.7	39.4	8.26	8.32	7.99
Stone, clay, and glass products	442.57	446.37	441.41	41.4	41.6	42.2	10.69	10.73	10.46
Glass and glassware, pressed or blown	478.61	482.35	464.22	41.8	42.2	40.9	11.45	11.43	11.35
Primary metal industries	545.16	547.80	560.19	41.3	41.5	42.6	13.20	13.20	13.15
Blast furnace and basic steel products	538.40	542.04	545.30	40.0	40.3	41.0	13.46	13.45	13.30
Iron and steel foundries	583.87	586.79	596.64	42.9	42.8	44.0	13.61	13.71	13.56
Nonferrous rolling and drawing	558.16	562.38	627.22	40.3	40.9	43.8	13.85	13.75	14.32
Fabricated metal products	490.47	486.36	492.90	42.1	42.0	42.2	11.65	11.58	11.68
Cutlery, hand tools, and hardware	473.22	474.00	487.23	39.7	40.0	40.3	11.92	11.85	12.09
Fabricated structural metal products	431.38	433.14	424.79	42.5	42.8	42.1	10.15	10.12	10.09
Metal forgings and stampings	619.75	615.29	626.45	43.4	43.3	43.9	14.28	14.21	14.27
Machinery, except electrical	481.50	481.20	481.17	42.2	42.1	43.0	11.41	11.43	11.19
Construction and related machinery	395.21	400.14	408.64	39.6	39.5	40.3	9.98	10.13	10.14
Metalworking machinery	462.16	466.23	448.59	42.4	42.5	42.4	10.90	10.97	10.58
Special industry machinery	463.32	463.75	470.11	42.9	42.9	44.1	10.80	10.81	10.66
General industrial machinery	501.68	501.48	491.95	42.3	42.0	42.3	11.86	11.94	11.63
Office and computing machines	397.11	396.18	375.84	42.7	42.6	41.9	9.30	9.30	8.97
Refrigeration and service machinery	577.62	563.64	585.45	43.3	42.7	45.0	13.34	13.20	13.01
Electric and electronic equipment	447.99	451.28	433.13	41.1	41.1	40.9	10.90	10.98	10.59
Electrical industrial apparatus	434.68	437.66	413.88	40.7	40.3	40.3	10.68	10.86	10.27
Household appliances	450.40	455.14	451.00	40.0	40.1	41.3	11.26	11.35	10.92
Electric lighting and wiring equipment	463.83	463.42	428.49	41.9	41.6	40.5	11.07	11.14	10.58
Communication equipment	479.35	516.17	491.21	40.9	42.8	42.2	11.72	12.06	11.64
Transportation equipment	617.38	620.54	635.40	43.6	43.7	45.0	14.16	14.20	14.12
Motor vehicles and equipment	647.68	649.28	670.97	44.0	43.9	45.8	14.72	14.79	14.65
Aircraft and parts	566.60	564.83	557.27	44.3	44.3	43.3	12.79	12.75	12.87
Instruments and related products	358.58	357.40	350.43	40.2	39.8	40.7	8.92	8.98	8.61
Measuring and controlling devices	354.76	350.87	359.96	39.2	38.6	40.4	9.05	9.09	8.91
Nondurable Goods[f]	438.88	434.89	429.11	41.6	41.3	41.5	10.55	10.53	10.34
Food and kindred products	417.66	419.67	410.11	41.6	41.8	41.3	10.04	10.04	9.93
Meat products	375.42	394.12	387.96	41.3	42.7	42.4	9.09	9.23	9.15
Dairy products	449.40	449.40	445.59	42.8	42.8	43.9	10.50	10.50	10.15
Preserved fruits and vegetables	384.71	385.84	380.02	40.2	40.7	40.6	9.57	9.48	9.36
Bakery products	452.23	436.62	352.05	39.6	38.3	31.1	11.42	11.40	11.32
Beverages	432.41	430.26	419.44	41.9	42.1	42.8	10.32	10.22	9.80
Apparel and other textile products	270.38	264.20	253.96	37.5	36.9	36.7	7.21	7.16	6.92
Paper and allied products	476.96	478.93	461.72	44.0	44.1	43.6	10.84	10.86	10.59
Misc. converted paper products	445.09	448.44	430.88	44.2	44.4	43.7	10.07	10.10	9.86
Paperboard containers and boxes	407.55	411.18	389.87	41.8	42.0	41.3	9.75	9.79	9.44
Printing and publishing	406.45	407.33	386.05	38.2	38.5	37.7	10.64	10.58	10.24
Newspapers	350.18	357.00	327.67	34.5	35.0	33.3	10.15	10.20	9.84
Commercial printing	391.30	397.88	386.39	38.4	39.2	38.6	10.19	10.15	10.01
Chemicals and allied products	528.58	509.96	502.04	42.8	41.8	42.8	12.35	12.20	11.73
Industrial inorganic chemicals	563.86	548.69	562.46	42.3	41.1	43.2	13.33	13.35	13.02
Rubber and misc. plastics products	442.37	433.15	442.90	43.2	42.3	43.0	10.24	10.24	10.30
Tires and inner tubes	636.64	625.14	608.22	46.0	45.3	45.8	13.84	13.80	13.28
Miscellaneous plastics products	427.42	416.64	439.03	43.0	42.0	43.0	9.94	9.92	10.21

See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MINING	$519.79	$512.13	$496.35	44.2	43.0	42.9	$11.76	$11.91	$11.57
Bituminous coal and lignite mining	612.13	615.91	607.65	41.5	41.7	40.7	14.75	14.77	14.93
CONSTRUCTION	579.22	587.39	559.82	38.9	38.9	37.8	14.89	15.10	14.81
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	538.33	526.50	505.49	41.0	40.5	40.7	13.13	13.00	12.42
Communication	531.95	513.11	498.15	40.7	39.9	40.5	13.07	12.86	12.30
Electric, gas, and sanitary services	546.48	543.02	515.78	41.4	41.2	41.0	13.20	13.18	12.58
WHOLESALE TRADE	365.49	366.03	343.78	39.3	39.4	39.2	9.30	9.29	8.77
Wholesale trade-durable goods	362.09	361.82	341.75	39.4	39.5	39.6	9.19	9.16	8.63
Wholesale trade-nondurable goods	370.11	373.18	345.98	39.0	39.2	38.4	9.49	9.52	9.01
RETAIL TRADE[h]	158.85	156.67	158.47	29.2	28.8	29.4	5.44	5.44	5.39
General merchandise stores	183.31	181.76	173.08	30.1	29.7	30.1	6.09	6.12	5.75
Department stores	188.45	186.85	177.27	30.2	29.8	30.2	6.24	6.27	5.87
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	246.89	249.72	234.17	....	....	....	.....	.....	.....
Credit agencies other than banks	247.52	243.32	226.42	....	....	....	.....	.....	.....
Insurance carriers	324.62	324.31	306.36	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	315.96	315.63	306.22	33.4	33.4	34.1	9.46	9.45	8.98

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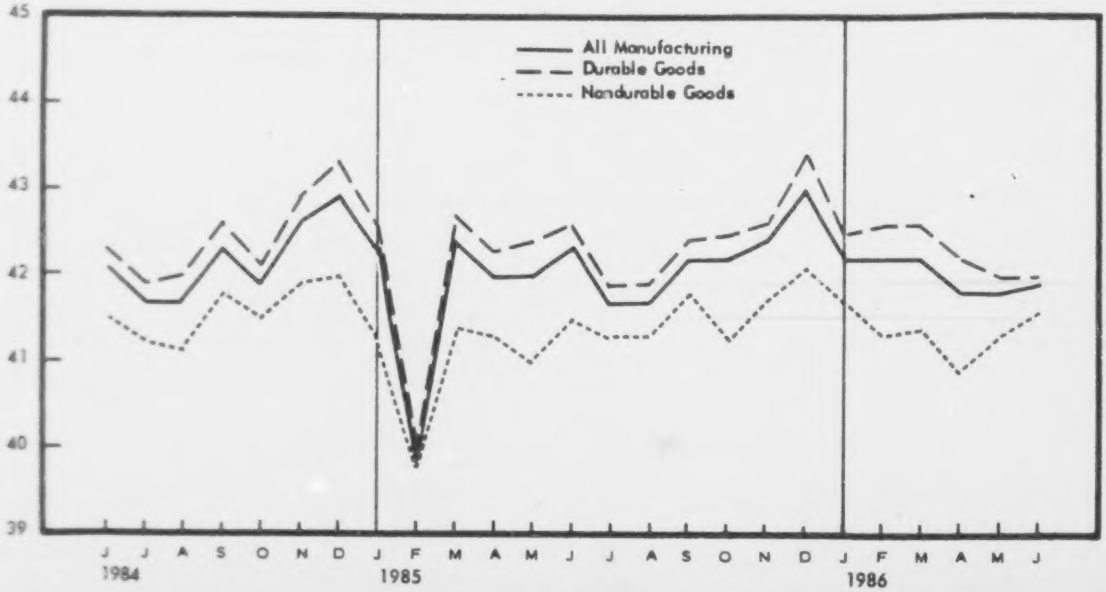
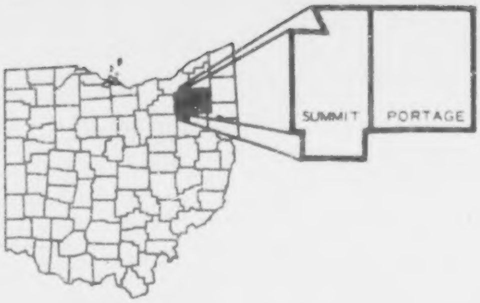
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [h] Money payments only; tips not included. [i] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



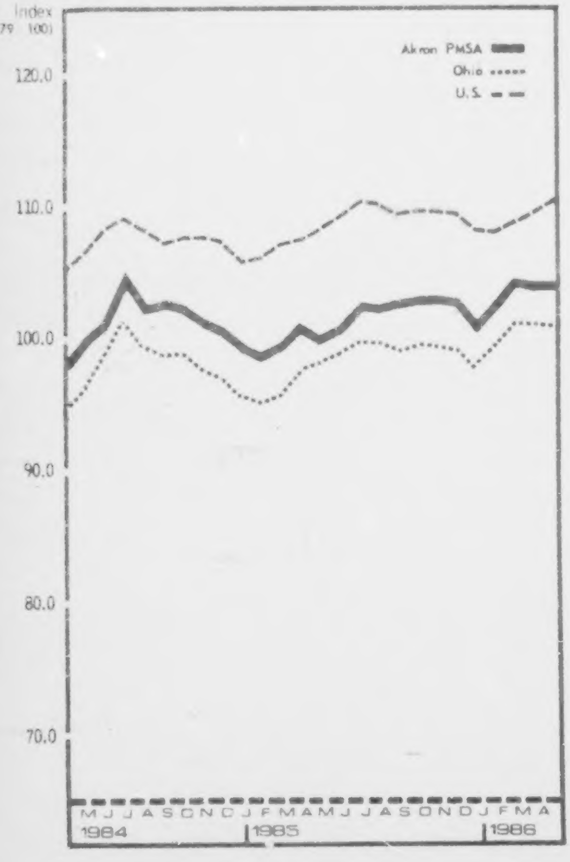
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



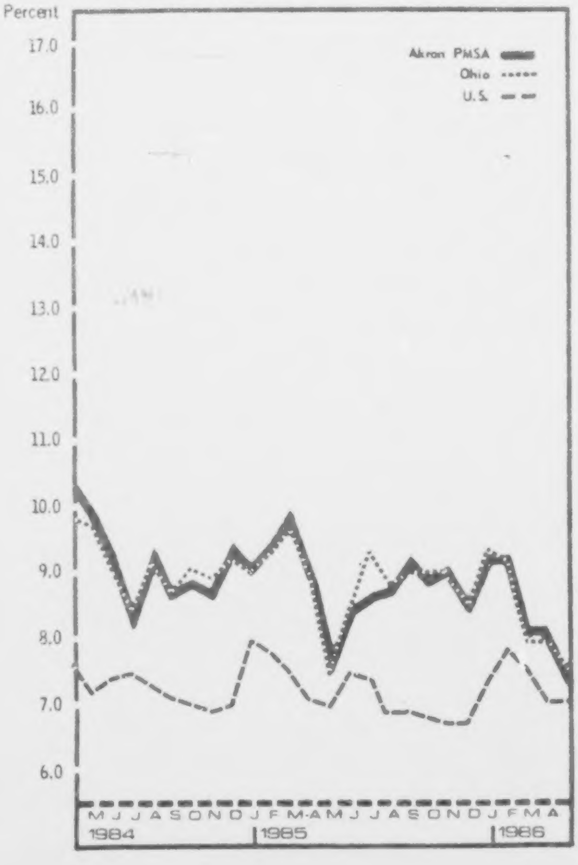
Nonagricultural wage and salary employment in the Akron area totaled 266,500 in June, a reduction of 2,300 from the May level. Nonmanufacturing employment fell 2,600 over the month as a sharp decline in government more than offset the advancements in construction, retail trade, and services. The loss in government employment was due to a seasonal decrease in state and local education, 5,400 and 600 workers, respectively. Manufacturing employment rose 300 from May, to 66,700. Slight gains in fabricated metal products and nonelectrical machinery accounted for the increase. Manufacturing production workers averaged a 43.3 hour workweek, up .3 hours from May. Their average hourly earnings were $11.09, up $.03.

Nonagricultural employment recorded an increase of 9,200 from June 1985. A growth in employment was shown in nearly all nonmanufacturing industries. The primary sectors of expansion were construction, government, retail trade, and services. Losses in fabricated metal products, nonelectrical machinery, and rubber and miscellaneous plastics products helped to reduce manufacturing employment by 2,000.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



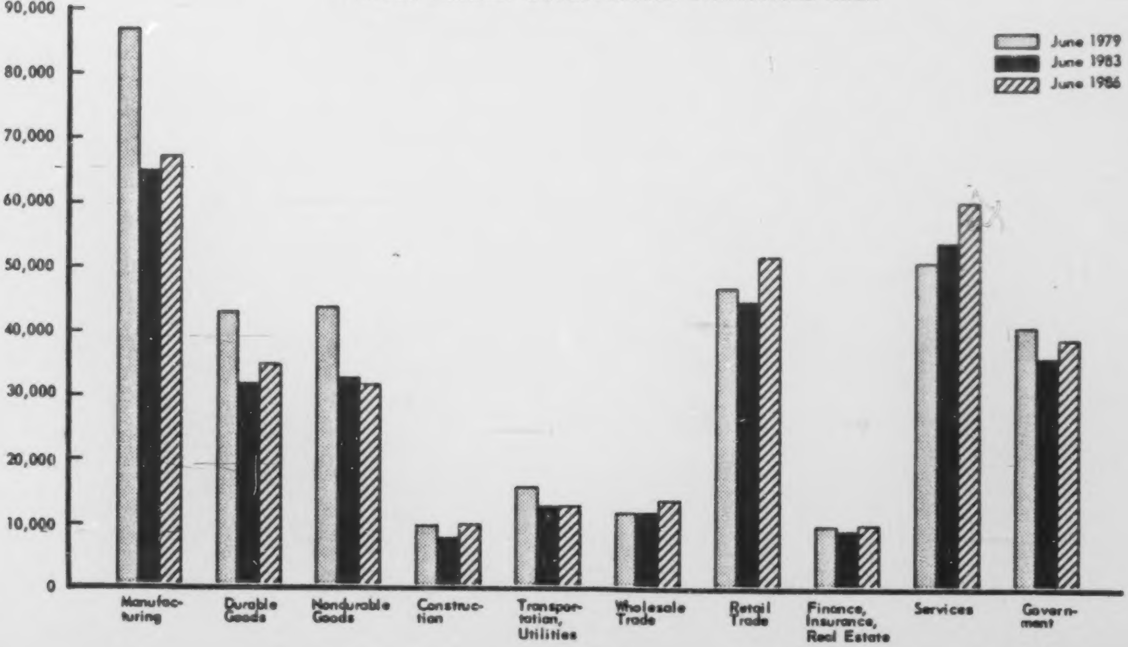
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
302.4	279.6	22.8	7.5	May	261.2	68.7	37.7	472.57	43.0	10.99
314.5	288.0	26.5	8.4	June	257.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.7	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
323.2	297.2	26.0	8.1	April	264.6	66.5	36.1	476.87	43.0	11.09
321.4	297.0	23.5	7.3	May	268.9	66.4	36.0	475.58	43.0	11.06
INA	INA	INA	INA	June	266.5	66.7	36.3	480.20	43.3	11.09

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	266.5	268.9	257.3	- 2.3	9.2
MANUFACTURING	66.7	66.4	68.7	.3	- 2.0
Durable Goods[e]	35.0	34.8	35.8	.2	- .8
Fabricated metal products	12.6	12.4	13.3	.1	- .7
Machinery, except electrical	9.3	9.2	9.5	.1	- .2
Metalworking machinery	3.0	3.0	3.1	.0	- .1
Nondurable Goods[f]	31.7	31.6	32.9	.1	- 1.2
Food and kindred products	2.6	2.6	2.8	.0	- .2
Chemicals and allied products	2.7	2.6	2.7	.0	.0
Rubber and misc. plastics products	21.0	21.0	22.1	.0	- 1.1
Tires and inner tubes	14.2	14.2	15.4	.0	- 1.2
NONMANUFACTURING[g]	199.9	202.5	188.6	- 2.6	11.2
CONSTRUCTION	10.2	9.4	8.8	.8	1.4
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.1	12.8	.0	.3
Communication, electric, gas services	5.3	5.3	5.3	.0	.0
WHOLESALE TRADE	14.1	14.0	13.4	.1	.7
RETAIL TRADE	52.0	51.6	49.0	.4	3.0
General merchandise stores	6.5	6.5	6.5	.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	10.2	10.1	9.6	.1	.6
Banking	3.3	3.2	3.0	.1	.3
SERVICES	60.5	59.0	56.1	1.5	4.4
Business services	11.8	11.6	10.4	.2	1.4
Amusement and recreation services	5.2	4.4	4.1	.7	1.1
Health services	17.3	17.1	17.5	.2	- .2
GOVERNMENT	39.0	44.6	38.0	- 5.6	1.0
State government	10.1	15.4	9.8	- 5.3	.2
State government education[h]	7.0	12.5	6.9	- 5.4	.2
State government, except education	3.0	2.9	3.0	.1	.1
Local government	26.5	26.8	25.9	- .3	.6
Local government education	13.9	14.5	13.3	- .6	.6
Local government, except education	12.6	12.3	12.5	.2	.0

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

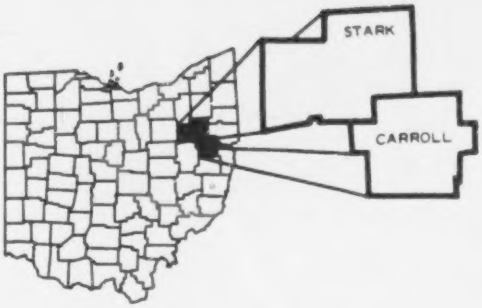
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$480.20	$475.58	$481.55	43.3	43.0	43.5	$11.09	$11.06	$11.07
Durable Goods[e]	493.12	492.50	498.08	43.6	43.7	43.5	11.31	11.27	11.45
Fabricated metal products	605.69	607.93	621.87	44.7	45.3	44.9	13.55	13.42	13.85
Machinery, except electrical	451.36	437.68	421.23	45.5	44.3	44.2	9.92	9.88	9.53
Metalworking machinery	473.79	453.62	426.50	48.1	46.1	44.8	9.85	9.84	9.52
Nondurable Goods[f]	460.10	451.08	457.36	42.8	42.0	43.6	10.75	10.74	10.49
Food and kindred products	448.04	441.29	464.46	40.4	40.3	43.9	11.09	10.95	10.58
Chemicals and allied products	441.57	454.43	442.02	40.4	41.5	41.7	10.93	10.95	10.60
Rubber and misc. plastics products	502.62	483.96	492.59	45.2	43.6	45.4	11.12	11.10	10.85
Tires and inner tubes	705.19	704.71	686.17	48.5	48.5	49.4	14.54	14.53	13.89
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	545.40	530.55	517.01	41.1	40.5	41.0	13.27	13.10	12.61
WHOLESALE TRADE	326.87	329.09	329.57	38.5	38.4	39.9	8.49	8.57	8.26
RETAIL TRADE[h]	192.13	190.93	186.66	31.6	31.3	30.5	6.08	6.10	6.12

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	3,106	2,534	3,193
Active File of Job Seekers	23,247	23,298	26,060
Referrals to Jobs	2,068	1,534	2,002
Placements	281	227	317
Job Openings Received	505	1,215	1,801
Job Openings Unfilled	1,782	1,864	3,214
Unemployment Insurance Program			
Initial Claims	2,932	2,971	3,354
Continued Claims	27,950	30,163	25,042
First Payments	1,094	1,231	1,209
Last Payments	530	653	492
Weeks Compensated	19,107	25,993	20,843
Benefits Paid	$2,708,635	$3,762,692	$2,920,866
Average Weekly Payment	$145.68	$148.46	$144.44

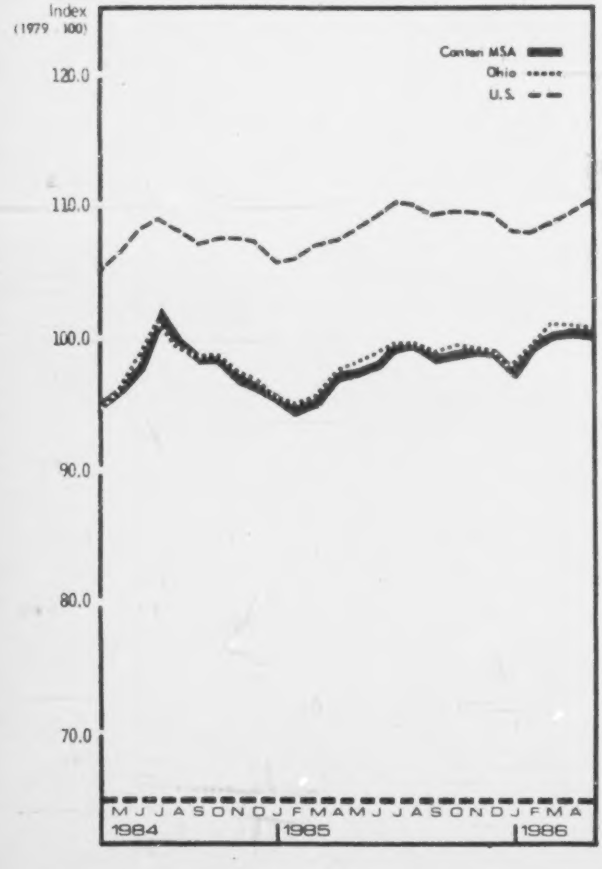
CANTON METROPOLITAN STATISTICAL AREA



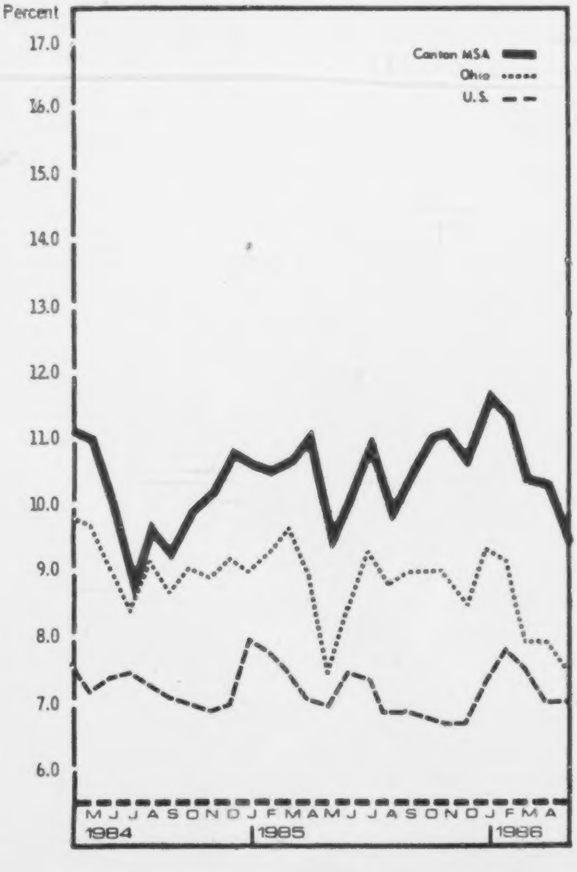
Nonagricultural wage and salary employment for the Canton metropolitan area totaled 158,300 in June, advancing 700 from the previous month. Employment in the nonmanufacturing industries rose 700 from May, as seasonal increases occurred in services and construction. Manufacturing employment remained unchanged at 45,500. Production workers in manufacturing put in an average workweek of 39.7 hours, down .2 hours from May. Their average hourly earnings went up fractionally from the previous month, to $11.14.

Nonfarm employment improved by 5,100 from June 1985. Increases were shown in nearly all of the nonmanufacturing divisions. Substantial gains in retail trade and services accounted for the majority of the improvement. Declines in fabricated metal products and rubber and miscellaneous plastics products helped reduce manufacturing employment by 1,200.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



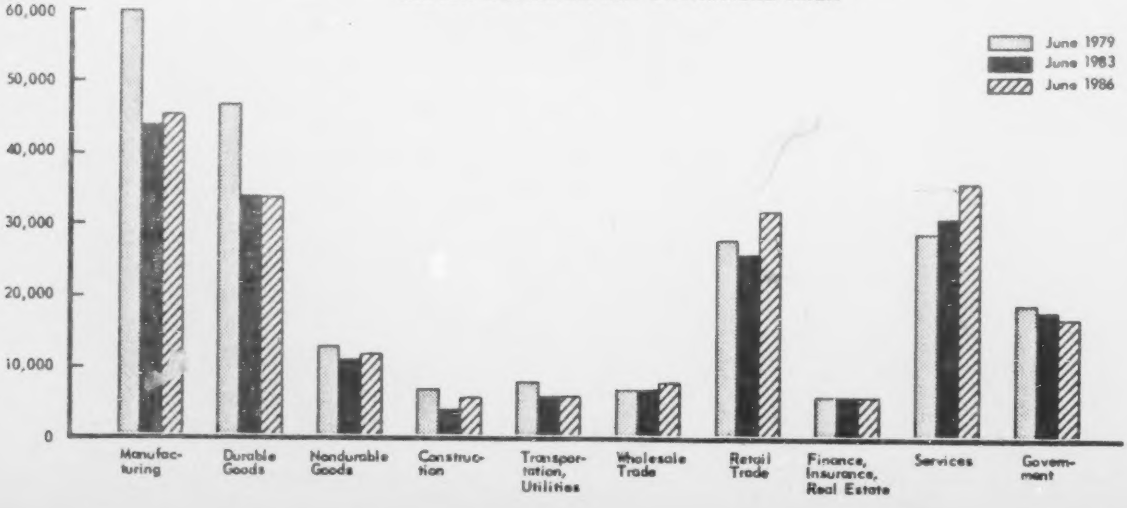
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
187.1	169.5	17.6	9.4	May	152.9	46.5	34.3	435.31	39.9	10.91
189.4	170.3	19.1	10.1	June	153.3	46.7	34.3	434.72	39.7	10.95
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.3	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.4	174.1	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
194.4	174.4	19.9	10.3	April	156.0	45.6	32.6	442.89	39.9	11.10
191.9	173.9	18.1	9.4	May	157.6	45.5	32.5	444.09	39.9	11.13
INA	INA	INA	INA	June	158.3	45.5	32.6	442.26	39.7	11.14

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	158.3	157.6	153.3	.7	5.1
MANUFACTURING	45.5	45.5	46.7	.0	- 1.2
Durable Goods[e]	33.8	33.9	35.0	- .1	- 1.2
Primary metal industries	11.2	11.3	11.1	- .1	.1
Fabricated metal products	6.9	6.9	7.4	.0	- .5
Metal forgings and stampings	2.5	2.5	2.9	.0	- .4
Nondurable Goods[f]	11.7	11.5	11.7	.1	- .1
Food and kindred products	4.3	4.2	4.1	.1	.2
Rubber and misc. plastics products	2.6	2.6	2.9	.0	- .3
NONMANUFACTURING[g]	112.8	112.1	106.5	.7	6.3
CONSTRUCTION	6.4	6.1	5.8	.3	.6
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.0	5.9	.1	.2
Communication, electric, gas services	2.7	2.6	2.8	.0	- .1
WHOLESALE TRADE	7.9	7.9	7.9	.0	.0
Wholesale trade-durable goods	4.4	4.4	4.4	.0	.0
RETAIL TRADE	31.6	31.6	29.0	.0	2.7
General merchandise stores	3.8	3.8	3.6	.0	.2
Food stores	5.4	5.4	5.0	.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.2	6.2	.1	.1
Banking	1.8	1.8	1.8	.0	.0
SERVICES	35.8	35.3	33.1	.6	2.7
Health services	14.0	13.9	13.9	.0	.1
GOVERNMENT	17.3	17.8	17.4	- .5	- .1
State government (includes education)	1.7	1.7	1.6	- .1	.1
Local government	14.3	14.7	14.6	- .4	- .3
Local government education	8.0	8.6	8.3	- .6	- .2
Local government, except education	6.3	6.1	6.3	.2	.0

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

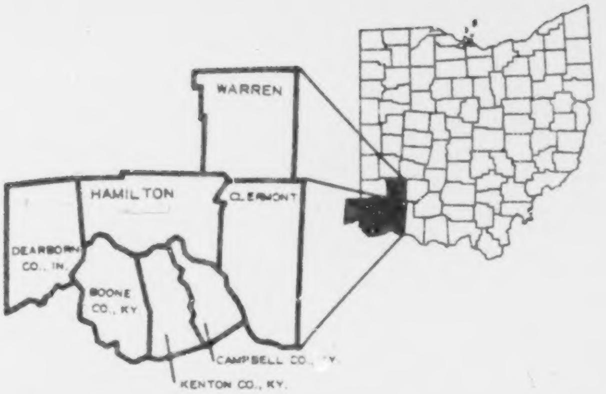
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$442.26	$444.09	$434.72	39.7	39.9	39.7	$11.14	$11.13	$10.95
Durable Goods[e]	461.64	461.60	452.25	39.9	40.0	40.2	11.57	11.54	11.25
Primary metal industries	486.72	481.43	468.03	39.0	38.7	38.3	12.48	12.44	12.22
Fabricated metal products	526.44	517.02	497.62	42.8	42.8	42.1	12.30	12.08	11.82
Metal forgings and stampings	686.70	674.78	622.44	43.6	43.2	42.0	15.75	15.62	14.82
Nondurable Goods[f]	381.42	387.50	378.33	39.0	39.5	38.1	9.78	9.81	9.93
Food and kindred products	414.07	430.77	388.59	39.1	40.6	37.4	10.59	10.61	10.39
Rubber and misc. plastics products	425.94	424.15	440.99	41.6	41.3	42.2	10.19	10.27	10.45
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	514.70	503.20	487.18	40.4	40.0	40.7	12.74	12.58	11.97
WHOLESALE TRADE	343.92	341.40	320.67	35.9	35.6	35.2	9.58	9.59	9.11
RETAIL TRADE[h]	157.68	154.98	159.73	29.2	28.7	29.8	5.40	5.40	5.36

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile mill products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	2,115	1,623	2,061
Active File of Job Seekers	19,995	19,984	19,767
Referrals to Jobs	1,687	973	840
Placements	449	293	295
Job Openings Received	740	591	451
Job Openings Unfilled	472	466	476
Unemployment Insurance Program			
Initial Claims	2,292	2,536	2,715
Continued Claims	20,407	23,562	19,413
First Payments	895	1,025	851
Last Payments	496	639	371
Weeks Compensated	17,593	22,902	16,978
Benefits Paid	$2,466,017	$3,365,740	$2,386,849
Average Weekly Payment	$142.77	$151.36	$144.61

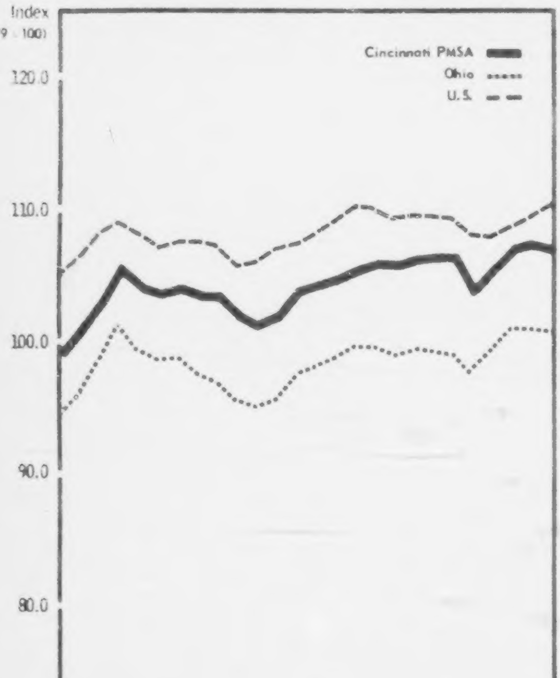
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



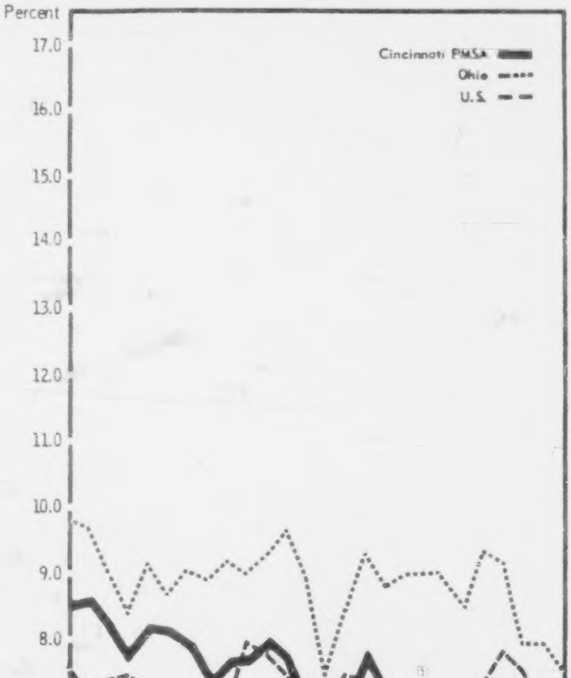
Nonfarm wage and salary employment in Cincinnati rose 5,700 from May, to 658,100 in June. Manufacturing, at 147,900, recovered 3,400 workers after losses in May, with growth concentrated in motor vehicles and equipment. Nonmanufacturing employment rose 2,300 over the month, with continued seasonal growth in services, especially amusement and recreation services. Declines in government employment partially offset growth in other nonmanufacturing areas. Production workers averaged $10.63 per hour, up slightly from May. Their average workweek declined .2 hours, to 41.7 hours.

Nonfarm employment rose 26,100 from June 1985. Manufacturing had an increase of 600 employees, with growth in chemicals and allied products and rubber and plastics products. Growth was recorded in most nonmanufacturing divisions, with the greatest gains in services and retail trade.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



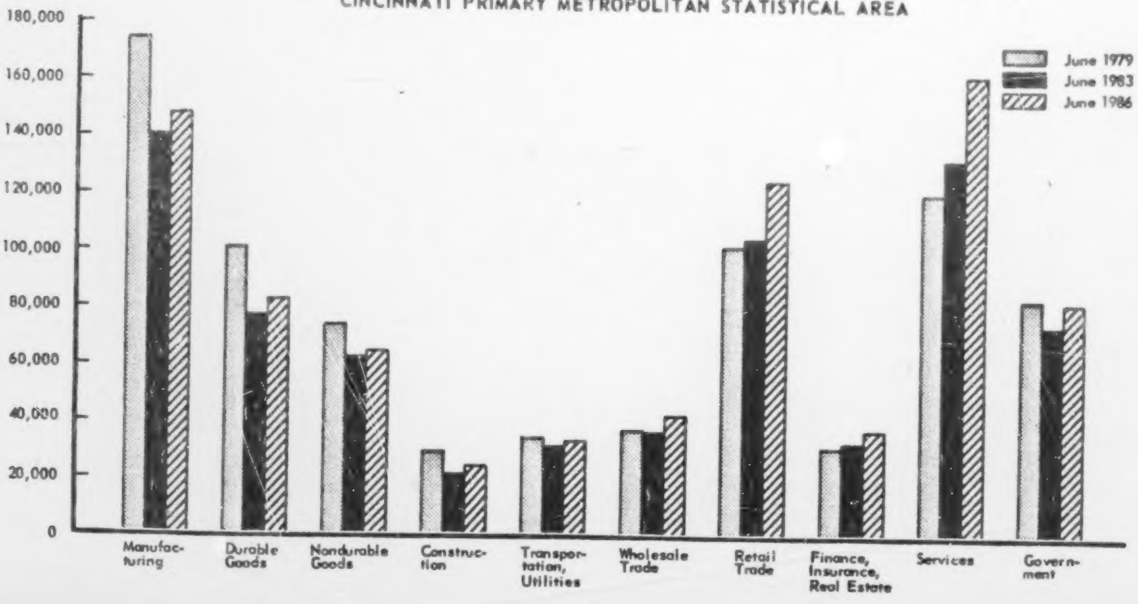
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
INA	INA	INA	INA	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.2	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
700.7	656.4	44.3	6.3	May	630.3	147.1	97.2	437.18	41.4	10.56
708.7	658.2	50.6	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
715.7	663.9	51.8	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
718.6	672.5	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
720.1	674.1	46.0	6.4	April	648.6	146.7	94.3	441.74	41.4	10.67
719.9	671.5	48.4	6.7	May	652.4	144.5	91.9	444.56	41.9	10.61
INA	INA	INA	INA	June	658.1	147.9	95.2	443.27	41.7	10.63

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Cincinnati PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	658.1	652.4	632.0	5.7	26.1
MANUFACTURING	147.9	144.5	147.3	3.4	.6
Durable Goods[e]	82.9	79.8	83.0	3.1	- .1
Fabricated metal products	10.6	10.7	11.1	- .1	- .5
Fabricated structural metal products	3.7	3.8	4.1	- .1	- .4
Machinery, except electrical	21.2	21.2	21.6	.0	- .4
Metalworking machinery	9.2	9.2	9.6	.0	- .4
General industrial machinery	2.9	2.9	3.0	.0	- .1
Electric and electronic equipment	7.5	7.7	7.7	- .2	- .2
Transportation equipment	28.6	25.4	27.8	3.2	.8
Motor vehicles and equipment	8.7	5.8	10.1	2.9	- 1.4
Nondurable Goods[f]	65.0	64.7	64.3	.3	.7
Food and kindred products	12.9	12.8	12.8	.1	.0
Beverages	4.1	4.1	4.1	.1	.0
Apparel and other textile products	3.3	3.3	3.6	.0	- .3
Paper and allied products	6.0	6.0	6.2	.0	- .1
Printing and publishing	12.2	12.2	12.3	.0	- .1
Commercial printing	5.3	5.3	5.3	.0	.0
Chemicals and allied products	21.9	21.8	21.2	.1	.7
Rubber and misc. plastics products	5.6	5.4	5.3	.2	.3
NONMANUFACTURING[g]	510.2	507.9	484.7	2.3	25.5
CONSTRUCTION	25.3	24.6	24.2	.7	1.1
TRANSPORTATION AND PUBLIC UTILITIES	33.7	33.9	34.1	- .2	- .3
Trucking and warehousing	10.2	10.0	9.9	.2	.3
Communication, electric, gas services	14.1[j]	14.5	14.8	- .5	- .8
WHOLESALE TRADE	42.9	42.7	41.1	.2	1.8
Wholesale trade-durable goods	25.5	25.3	24.4	.2	1.1
RETAIL TRADE	125.1	124.7	118.1	.4	7.1
General merchandise stores	19.9	19.8	18.6	.1	1.3
FINANCE, INSURANCE, AND REAL ESTATE	37.8	37.3	35.5	.4	2.3
Banking	8.3	8.2	7.8	.1	.5
Insurance carriers	11.8	11.7	11.4	.1	.4
SERVICES	161.5	158.9	151.0	2.6	10.5
Hotels and other lodging places	7.0	6.7	6.3	.3	.7
Personal services	8.4	8.2	7.6	.2	.8
Business services	37.6	37.0	32.8	.7	4.8
Amusement and recreation services	10.5	9.2	10.3	1.3	.2
Health services	47.2	46.9	47.0	.3	.2
GOVERNMENT	83.3	85.3	80.4	- 1.9	3.0
Federal government	13.0	13.1	13.1	- .1	- .1
State government	18.9	19.4	17.9	- .5	1.0
State government education[i]	11.1	11.7	10.5	- .6	.6
State government, except education	7.8	7.7	7.4	.2	.4
Local government	51.4	52.8	49.3	- 1.3	2.1
Local government education	28.7	30.5	27.3	- 1.9	1.4
Local government, except education	22.8	22.3	22.1	.5	.7

Hours & Earnings of Production or Nonsupervisory Workers[a]

Cincinnati PMSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$443.27	$444.56	$434.43	41.7	41.9	41.1	$10.63	$10.61	$10.57
Durable Goods[e]	447.52	443.52	432.55	42.1	42.2	41.0	10.63	10.51	10.55
Fabricated metal products	390.10	386.34	388.14	41.5	41.1	40.9	9.40	9.40	9.49
Fabricated structural metal products	422.45	409.21	408.80	42.5	42.1	41.8	9.94	9.72	9.78
Machinery, except electrical	412.30	433.30	399.18	41.9	43.2	40.9	9.84	10.03	9.76
Metalworking machinery	441.41	480.13	430.77	41.1	43.1	40.6	10.74	11.14	10.61
General industrial machinery	379.64	415.86	383.05	41.4	44.1	41.5	9.17	9.43	9.23
Electric and electronic equipment	352.51	355.52	350.27	40.8	40.4	40.4	8.64	8.80	8.67
Transportation equipment	623.22	637.37	608.32	44.2	45.3	42.9	14.10	14.07	14.18
Motor vehicles and equipment	675.38	749.83	659.82	44.2	47.1	43.9	15.28	15.92	15.03
Nondurable Goods[f]	440.08	446.61	436.72	41.4	41.7	41.2	10.63	10.71	10.60
Food and kindred products	461.49	468.70	488.55	42.3	43.0	41.9	10.91	10.90	11.66
Beverages	504.48	504.06	488.31	41.9	41.9	41.7	12.04	12.03	11.71
Apparel and other textile products	196.75	213.00	202.57	36.1	37.5	37.1	5.45	5.68	5.46
Paper and allied products	388.66	390.22	388.42	39.7	39.9	40.8	9.79	9.78	9.52
Printing and publishing	432.71	434.17	420.28	38.6	38.8	39.5	11.21	11.19	10.64
Commercial printing	467.23	470.77	460.53	39.9	40.1	40.9	11.71	11.74	11.26
Chemicals and allied products	521.79	527.72	514.92	42.7	42.8	42.0	12.22	12.33	12.26
Rubber and misc. plastics products	421.34	439.45	387.52	46.2	46.7	44.8	9.12	9.41	8.65
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	514.01	514.69	501.14	39.6	39.5	39.9	12.98	13.03	12.56
WHOLESALE TRADE	388.55	383.26	371.79	40.9	40.6	40.5	9.50	9.44	9.18
RETAIL TRADE[h]	166.50	159.72	163.62	30.0	29.2	30.3	5.55	5.47	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	220.62	249.10	237.37	....	....	....	.....	.....	.....

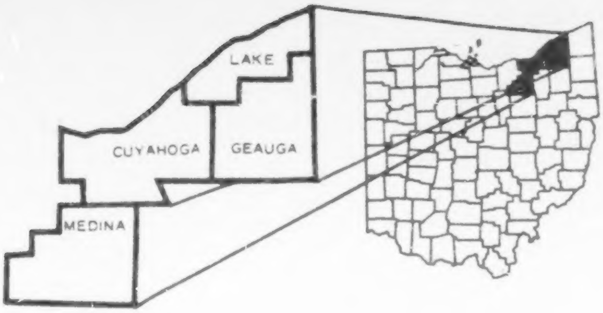
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	3,876	3,744	4,545
Active File of Job Seekers	28,777	29,755	29,841
Referrals to Jobs	2,133	2,329	2,581
Placements	579	653	669
Job Openings Received	1,160	1,336	1,637
Job Openings Unfilled	1,844	2,284	3,085
Unemployment Insurance Program			
Initial Claims	4,540	6,820	4,580
Continued Claims	39,397	45,663	37,201
First Payments	1,726	2,706	1,763
Last Payments	853	779	936
Weeks Compensated	31,863	41,248	33,518
Benefits Paid	$4,629,559	$6,235,295	$4,705,408
Average Weekly Payment	$148.03	$153.77	$143.45

[a]Ohio data only

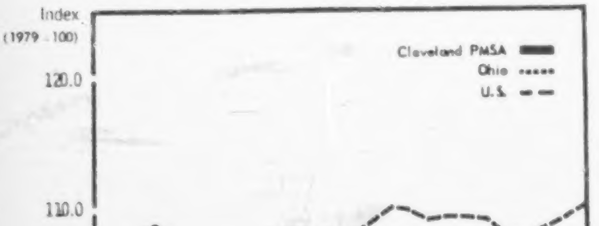
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



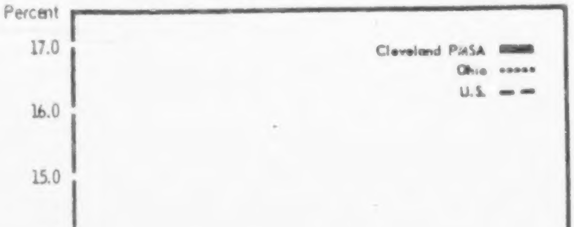
Nonagricultural wage and salary employment in the Cleveland area increased 6,100 over May, to 896,400 in June. Slight growth in manufacturing employment was noted as scattered increases in nondurable goods outweighed declines in iron and steel foundries and metal forgings and stampings. Nonmanufacturing employment gained 6,000 jobs due to seasonal trends in construction, retail trade, services, and local government, except education. Manufacturing production workers earned an average of $11.41 per hour, up $.02. Their average workweek rose .6 hours to 42.1 hours.

June nonfarm wage and salary employment increased 19,600 compared to June 1985, due primarily to continued growth in services. Significant improvement was also noted in retail trade, construction, and finance, insurance, and real estate. Manufacturing employment declined 6,400 with greatest reductions recorded in nonelectrical machinery and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



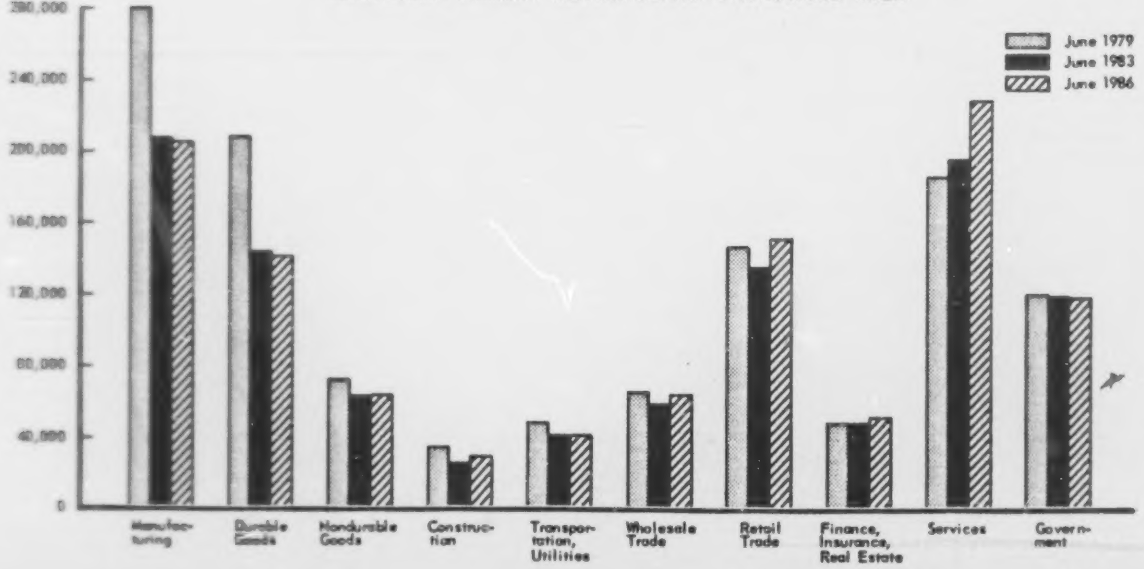
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
908.9	842.7	66.1	7.3	May	870.6	212.0	135.6	469.14	42.0	11.17
926.3	849.3	77.1	8.3	June	876.8	212.3	136.0	472.22	42.2	11.19
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
931.6	865.3	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
926.7	859.2	67.5	7.3	April	880.6	205.7	132.6	479.76	41.9	11.45
917.8	855.5	62.3	6.8	May	890.3	205.8	132.7	472.69	41.5	11.39
INA	INA	INA	INA	June	896.4	205.9	132.4	480.36	42.1	11.41

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	896.4	890.3	876.8	6.1	19.6
MANUFACTURING	205.9	205.8	212.3	.1	- 6.4
Durable Goods[e]	141.7	141.9	147.2	- .2	- 5.5
Primary metal industries	22.1	22.2	22.5	- .1	- .5
Blast furnace and basic steel products	10.4	10.4	10.4	.0	.0
Iron and steel foundries	5.3	5.4	5.6	- .2	- .3
Fabricated metal products	32.4	32.5	33.4	.0	- 1.0
Fabricated structural metal products	3.9	4.0	3.9	.0	.0
Screw machine products, bolts, etc.	4.7	4.7	4.8	.0	.0
Metal forgings and stampings	10.5	10.8	11.1	- .2	- .6
Machinery, except electrical	31.2	31.0	33.3	.1	- 2.2
Construction and related machinery	2.9	3.0	3.6	- .1	- .7
Metalworking machinery	9.8	9.9	10.6	.0	- .8
Special industry machinery	3.3	3.3	3.8	.0	- .4
General industrial machinery	2.9	2.9	3.0	.0	.0
Electric and electronic equipment	19.0	19.1	19.8	- .1	- .8
Electrical industrial apparatus	6.9	6.9	7.0	.0	- .1
Transportation equipment	19.7	19.7	20.1	.0	- .4
Motor vehicles and equipment	12.6	12.6	12.9	.0	- .3
Instruments and related products	7.3	7.5	7.9	- .2	- .6
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods[f]	64.3	63.9	65.2	.3	- .9
Food and kindred products	7.2	7.1	6.9	.1	.2
Apparel and other textile products	4.5	4.7	4.9	- .1	- .3
Paper and allied products	5.2	5.3	5.4	.0	- .1
Printing and publishing	15.5	15.5	16.0	.0	- .5
Chemicals and allied products	13.8	13.7	14.3	.1	- .5
Rubber and misc. plastics products	11.9	11.8	11.8	.1	.2
NONMANUFACTURING[g]	690.5	684.5	664.5	6.0	26.0
CONSTRUCTION	30.4	29.0	28.7	1.4	1.7
TRANSPORTATION AND PUBLIC UTILITIES	41.9	42.2	41.5	- .3	.4
Trucking and warehousing	11.7	11.8	11.1	.0	.6
Communication, electric, gas services	18.0	18.4	18.5	- .4	- .5
WHOLESALE TRADE	64.6	64.1	63.1	.4	1.4
Wholesale trade-durable goods	44.9	44.7	44.0	.2	.9
RETAIL TRADE	151.9	150.9	147.0	1.0	4.8
General merchandise stores	19.8	19.7	20.2	.1	- .4
FINANCE, INSURANCE, AND REAL ESTATE	51.7	51.2	49.7	.5	2.1
Banking	13.2	13.1	12.8	.1	.4
Credit agencies other than banks	8.3	8.2	8.0	.1	.4
Insurance carriers	11.8	11.6	11.7	.2	.1
SERVICES	229.9	228.8	215.8	1.1	14.1
Business services	51.4	50.9	45.7	.5	5.7
Amusement and recreation services	8.7	8.2	9.2	.4	- .5
Health services	69.5	69.2	67.3	.3	2.2
GOVERNMENT	119.0	117.2	117.5	1.9	1.6
Federal government	19.9	19.9	19.7	- .1	.2
State government	8.3	7.9	8.2	.4	.1
State government education[h]	3.0	2.8	3.0	.2	.0
State government, except education	5.3	5.0	5.2	.2	.1
Local government	90.9	89.4	89.7	1.5	1.2
Local government education	44.5	44.6	43.0	- .1	1.5
Local government, except education	46.4	44.8	46.7	1.6	- .3

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

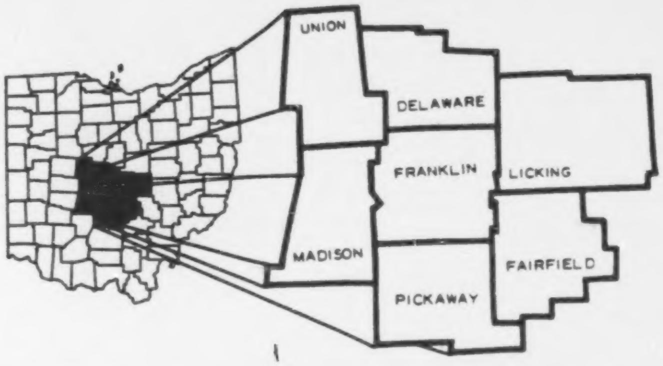
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$480.36	$472.69	$472.22	42.1	41.5	42.2	$11.41	$11.39	$11.19
Durable Goods[e]	511.28	503.94	505.36	42.5	42.1	42.9	12.03	11.97	11.78
Primary metal industries	569.08	564.81	568.58	42.5	41.9	42.4	13.39	13.48	13.41
Blast furnace and basic steel products	543.49	511.76	506.42	39.1	37.3	37.1	13.90	13.72	13.65
Iron and steel foundries	747.12	789.71	842.71	46.9	48.3	51.7	15.93	16.35	16.30
Fabricated metal products	498.10	492.69	493.73	42.5	42.4	43.5	11.72	11.62	11.35
Fabricated structural metal products	369.26	378.48	425.20	40.4	41.5	44.9	9.14	9.12	9.47
Screw machine products, bolts, etc	434.18	431.88	409.16	42.4	42.3	42.4	10.24	10.21	9.65
Metal forgings and stampings	667.83	643.47	636.62	45.4	44.5	45.8	14.71	14.46	13.90
Machinery, except electrical	467.15	458.81	477.63	42.2	41.9	43.5	11.07	10.95	10.98
Construction and related machinery	424.10	402.41	414.94	43.1	41.4	40.8	9.84	9.72	10.17
Metalworking machinery	407.22	413.09	389.03	40.6	40.9	39.9	10.03	10.10	9.75
Special industry machinery	466.03	464.80	508.20	39.9	40.0	44.0	11.68	11.62	11.55
General industrial machinery	466.32	472.06	414.00	43.5	44.2	41.4	10.72	10.68	10.00
Electric and electronic equipment	416.87	412.09	395.40	40.2	39.7	39.5	10.37	10.38	10.01
Electrical industrial apparatus	434.01	435.71	413.28	40.6	39.9	39.7	10.69	10.92	10.41
Transportation equipment	706.50	681.96	671.35	47.1	45.8	46.3	15.00	14.89	14.50
Motor vehicles and equipment	743.08	709.35	729.71	47.3	45.5	47.6	15.71	15.59	15.33
Instruments and related products	388.09	396.73	406.93	40.3	40.9	42.7	9.63	9.70	9.53
Measuring and controlling devices	384.61	381.10	417.85	40.4	40.2	43.8	9.52	9.48	9.54
Nondurable Goods[f]	404.42	393.60	387.99	41.1	40.0	40.5	9.84	9.84	9.58
Food and kindred products	377.90	379.35	374.10	41.3	41.1	40.4	9.15	9.23	9.26
Apparel and other textile products	296.83	284.50	264.24	38.7	36.9	36.7	7.67	7.71	7.20
Paper and allied products	444.79	448.59	432.13	42.2	42.4	42.2	10.54	10.58	10.24
Printing and publishing	412.30	408.34	375.34	38.0	37.6	36.3	10.85	10.86	10.34
Chemicals and allied products	480.95	469.78	464.27	42.3	41.5	43.2	11.37	11.32	11.21
Rubber and misc. plastics products	376.28	355.93	369.80	43.5	41.1	43.0	8.65	8.66	8.60
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	570.68	552.27	525.97	41.9	41.0	40.9	13.62	13.47	12.86
WHOLESALE TRADE	388.66	384.15	364.05	39.7	39.4	39.7	9.79	9.75	9.17
RETAIL TRADE[h]	180.00	176.25	177.16	28.8	28.2	28.9	6.25	6.25	6.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	299.08	294.21	270.14	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, stone, clay and glass products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	9,160	6,706	7,881
Active File of Job Seekers	112,814	112,886	115,626
Referrals to Jobs	3,607	2,458	2,444
Placements	1,082	635	615
Job Openings Received	2,188	1,961	1,063
Job Openings Unfilled	3,253	2,991	2,492
Unemployment Insurance Program			
Initial Claims	8,959	7,642	9,031
Continued Claims	69,737	73,370	74,685
First Payments	3,470	3,256	3,470
Last Payments	1,358	1,688	1,596
Weeks Compensated	54,707	66,823	64,743
Benefits Paid	$8,107,849	$10,023,910	$9,477,913
Average Weekly Payment	$151.07	$152.56	$148.95

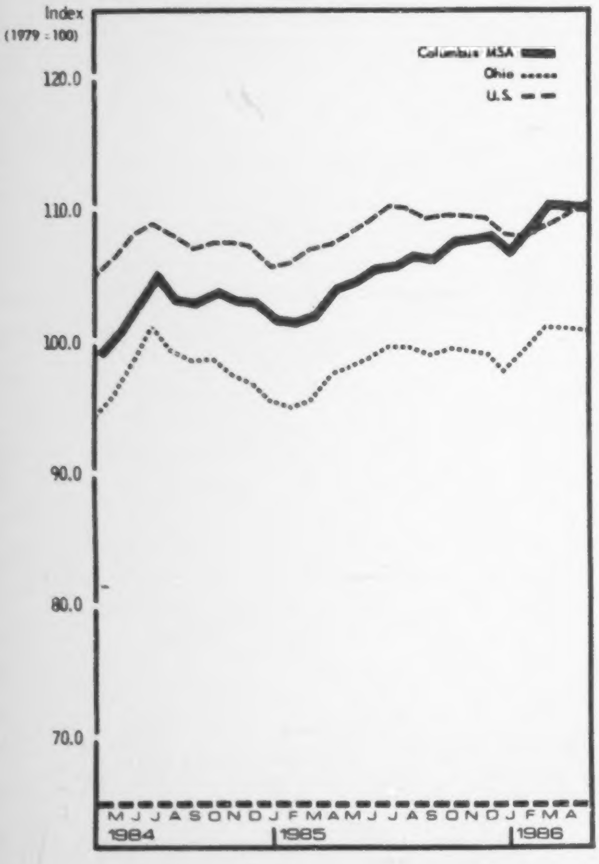
COLUMBUS
METROPOLITAN STATISTICAL AREA



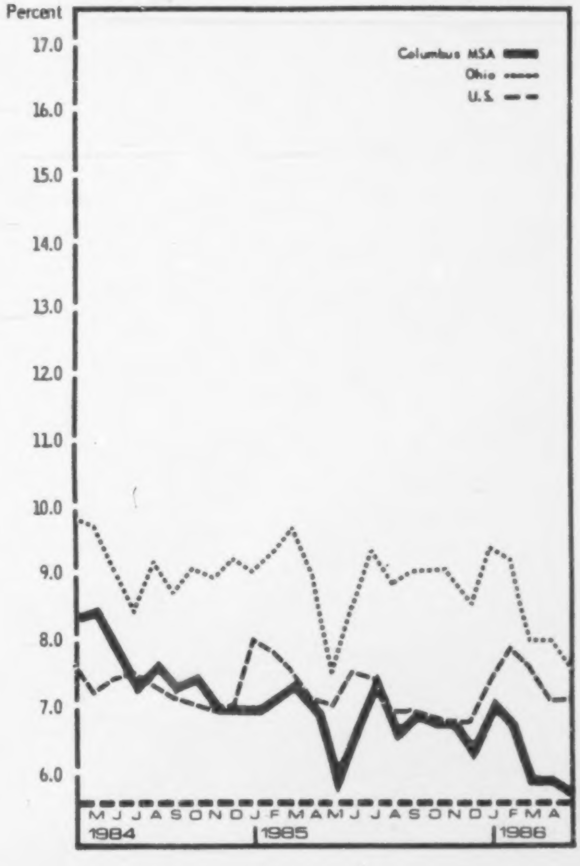
Nonagricultural wage and salary employment in Columbus increased 3,400 from May, to 645,400 in June. Nonmanufacturing employment rose 3,900. The growth in construction, services, and government offset the decline, due to a labor-management dispute in the communication, electric, and gas services industry. Manufacturing employment dropped 500 in June, to 104,800, with scattered losses in durable goods. Production workers averaged $11.19 per hour, little changed over the month. The average workweek was up slightly, to 41.3 hours.

Nonagricultural employment rose 35,300 from June 1985 to June 1986, due to growth in nearly all nonmanufacturing industries. The most significant gains occurred in services and retail trade. However, government and finance, insurance, and real estate also recorded gains over the year. Manufacturing employment declined 1,100 from June 1985, with losses in fabricated metal products and electric and electronic equipment offsetting growth in transportation equipment.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



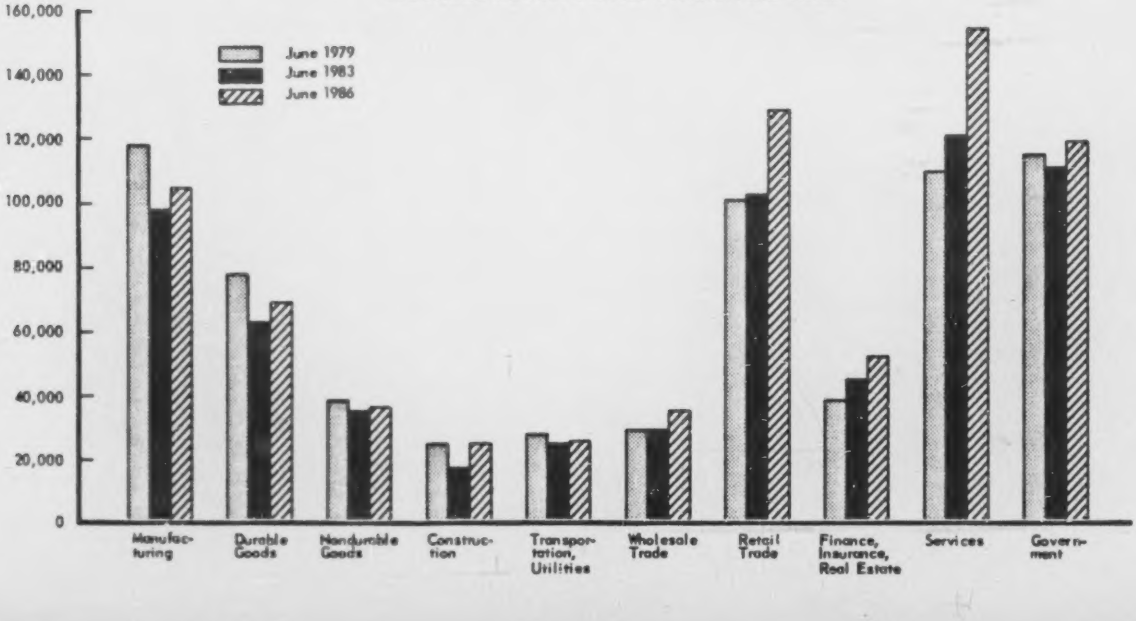
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
640.8	604.3	36.5	5.7	May	606.3	105.7	70.8	433.76	40.5	10.71
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.3	615.1	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.5	627.0	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.4	637.2	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
675.6	636.5	39.1	5.8	April	635.1	105.7	70.6	462.44	41.4	11.17
672.4	634.7	37.8	5.6	May	642.0	105.3	70.0	461.44	41.2	11.20
INA	INA	INA	INA	June	645.4	104.8	69.4	462.15	41.3	11.19

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Columbus MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	645.4	642.0	610.1	3.4	35.3
MANUFACTURING	104.8	105.3	105.9	- .5	- 1.1
Durable Goods[e]	69.1	69.5	70.2	- .4	- 1.1
Stone, clay, and glass products	11.6	11.7	11.6	.0	.0
Glass and glassware, pressed or blown	4.4	4.5	4.6	- .1	- .2
Fabricated metal products	9.3	9.7	10.7	- .4	- 1.4
Fabricated structural metal products	3.0	3.0	3.2	.0	- .2
Machinery, except electrical	9.6	9.7	10.5	- .1	- .9
Electric and electronic equipment	10.5	10.7	11.6	- .2	- 1.0
Transportation equipment	16.5	16.4	14.4	.1	2.1
Instruments and related products	4.5	4.3	4.2	.2	.3
Nondurable Goods[f]	35.7	35.8	35.8	- .1	- .1
Food and kindred products	9.6	9.6	9.9	.0	- .3
Printing and publishing	9.9	9.8	9.4	.1	.5
Chemicals and allied products	6.7	6.8	7.0	- .1	- .2
Rubber and misc. plastics products	5.1	5.2	5.0	- .1	.1
NONMANUFACTURING[g]	540.6	536.7	504.1	3.9	36.5
CONSTRUCTION	24.6	23.7	22.2	.9	2.3
TRANSPORTATION AND PUBLIC UTILITIES	25.6	26.2	25.8	- .6	- .2
Trucking and warehousing	11.1	11.0	10.4	.1	.7
Communication, electric, gas services	10.2[j]	11.0	11.4	- .8	- 1.2
WHOLESALE TRADE	35.0	34.9	33.3	.1	1.6
Wholesale trade-durable goods	23.6	23.5	22.2	.1	1.4
RETAIL TRADE	129.3	128.8	119.5	.5	9.9
General merchandise stores	15.3	15.3	15.6	.0	- .3
FINANCE, INSURANCE, AND REAL ESTATE	52.2	51.7	49.1	.5	3.1
Banking	11.1	11.1	10.5	.0	.6
Insurance carriers	20.4	20.2	19.4	.2	1.0
SERVICES	154.4	152.6	138.6	1.8	15.8
Business services	35.6	35.1	30.0	.5	5.6
Health services	37.2	37.0	36.0	.2	1.2
GOVERNMENT	118.6	117.8	114.6	.8	4.0
Federal government	15.6	15.6	15.3	.0	.3
State government	52.9	52.0	50.8	.9	2.1
State government education[i]	23.0	22.7	22.0	.3	1.0
State government, except education	29.9	29.4	28.8	.5	1.1
Local government	50.1	50.2	48.5	- .1	1.6
Local government education	29.2	30.1	28.5	- .9	.8
Local government, except education	20.8	20.1	20.0	.8	.9

Columbus MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

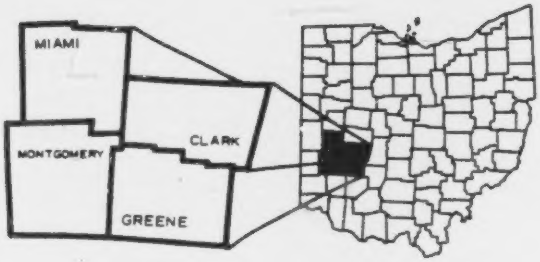
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$462.15	$461.44	$442.65	41.3	41.2	41.1	$11.19	$11.20	$10.77
Durable Goods[e]	477.76	476.93	461.85	41.4	41.4	41.2	11.54	11.52	11.21
Stone, clay, and glass products	474.38	477.56	495.68	40.1	40.3	41.9	11.83	11.85	11.83
Glass and glassware, pressed or blown	451.88	458.34	447.02	39.5	40.1	40.2	11.44	11.43	11.12
Fabricated metal products	490.85	480.00	481.60	40.6	40.0	40.0	12.09	12.00	12.04
Fabricated structural metal products	429.29	416.87	400.57	41.8	40.2	39.7	10.27	10.37	10.09
Machinery, except electrical	418.70	398.09	396.40	39.8	38.5	40.0	10.52	10.34	9.91
Electric and electronic equipment	444.71	466.69	453.33	40.1	41.3	41.4	11.09	11.30	10.95
Transportation equipment	571.13	572.14	529.39	44.9	45.3	42.9	12.72	12.63	12.34
Instruments and related products	435.30	428.16	371.87	43.4	42.1	39.9	10.03	10.17	9.32
Nondurable Goods[f]	427.22	426.77	400.98	41.0	40.8	41.0	10.42	10.46	9.78
Food and kindred products	419.42	415.42	393.05	41.9	41.5	40.9	10.01	10.01	9.61
Printing and publishing	498.56	500.68	463.34	39.6	39.8	39.4	12.59	12.58	11.76
Chemicals and allied products	505.82	508.74	480.82	41.7	41.7	43.2	12.13	12.20	11.13
Rubber and misc. plastics products	331.29	328.45	314.31	40.9	40.4	40.4	8.10	8.13	7.78
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	559.94	535.30	517.93	41.6	40.4	40.4	13.46	13.25	12.82
WHOLESALE TRADE	322.91	324.02	291.46	37.9	38.3	38.4	8.52	8.46	7.59
RETAIL TRADE[h]	169.65	165.57	167.56	29.0	28.4	29.5	5.85	5.83	5.68
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	243.25	251.78	236.41	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	4,702	5,315	5,451
Active File of Job Seekers	41,610	43,622	44,810
Referrals to Jobs	2,593	3,328	2,488
Placements	618	1,102	673
Job Openings Received	1,511	3,001	1,820
Job Openings Unfilled	5,633	6,442	6,115
Unemployment Insurance Program			
Initial Claims	4,543	4,818	4,771
Continued Claims	36,331	40,261	36,685
First Payments	1,696	2,035	1,798
Last Payments	722	870	813
Weeks Compensated	29,645	35,972	32,807
Benefits Paid	$4,269,369	$5,215,384	$4,588,909
Average Weekly Payment	$146.90	$147.86	$142.56

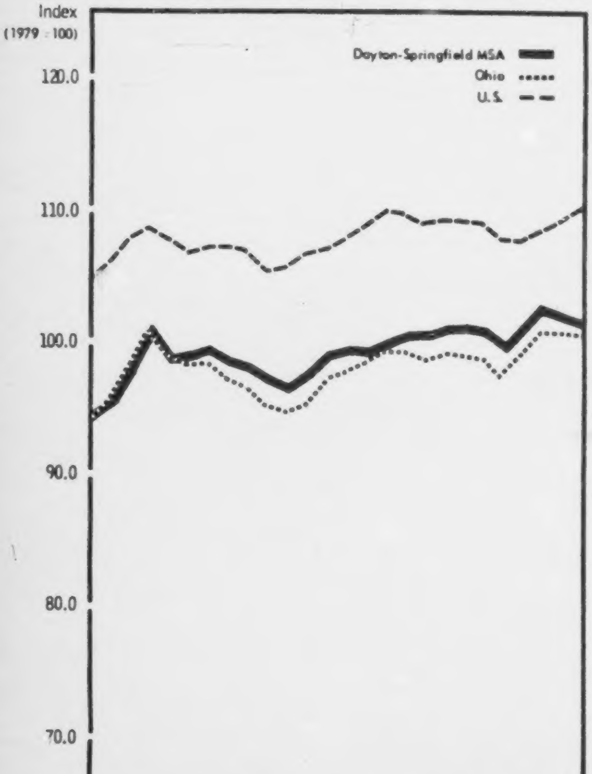
DAYTON - SPRINGFIELD
METROPOLITAN STATISTICAL AREA



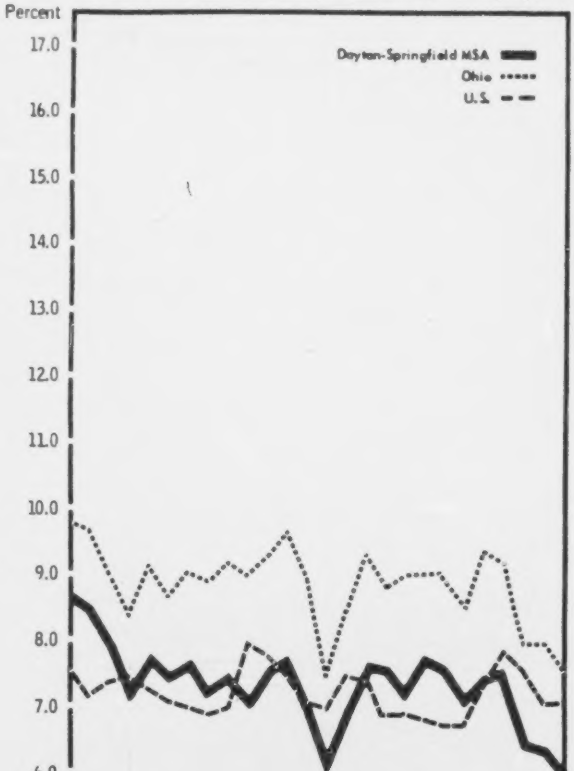
Nonagricultural wage and salary employment in the Dayton-Springfield area totaled 420,700 in June, down 300 from May. In nonmanufacturing, summer layoffs of nonteaching school personnel more than offset seasonal increases in construction, services, and retail trade. Manufacturing employment, at 104,700 in June, was little changed from May. Hourly earnings of production workers increased $.02 to $12.06 an hour. The average workweek increased .5 hours, to 43.3 hours.

Nonagricultural employment rose 12,700 over the year. The increase occurred in nonmanufacturing with significant improvements in services, especially business services; retail trade; and construction. Manufacturing employment declined 2,200 between June 1985 and June 1986. The loss was concentrated in nonelectrical machinery and electric and electronic equipment.

INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



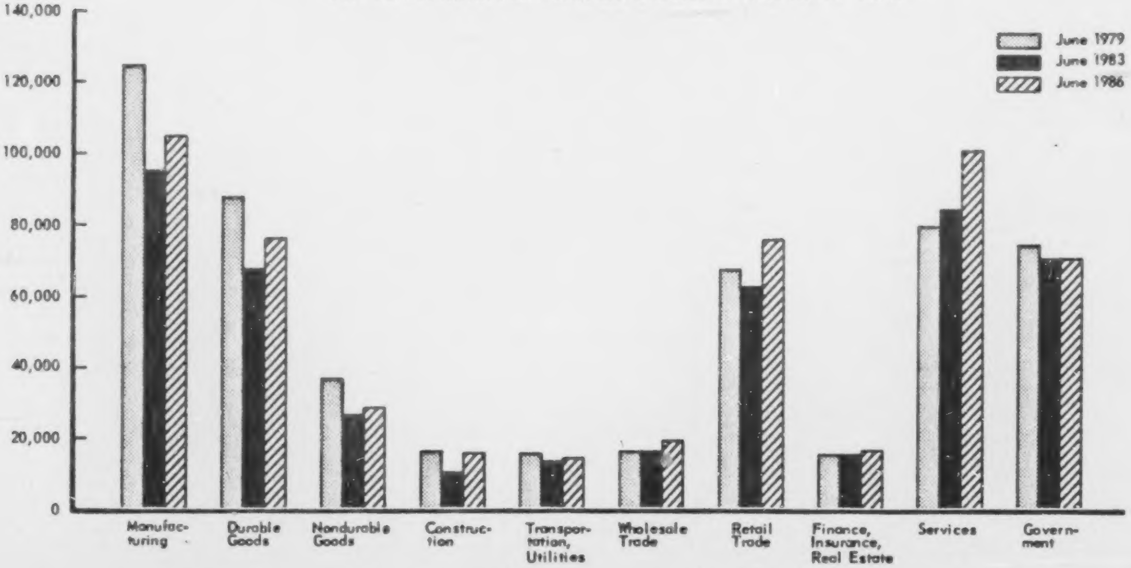
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
441.9	415.4	26.5	6.0	May	409.5	106.7	69.4	507.40	43.0	11.80
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.1	414.9	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.2	422.7	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
455.1	426.3	28.8	6.3	April	417.0	104.7	67.7	510.85	42.5	12.02
450.9	424.4	26.5	5.9	May	421.0	104.6	67.5	515.31	42.8	12.04
INA	INA	INA	INA	June	420.7	104.7	67.3	522.20	43.3	12.06

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	420.7	421.0	408.0	- .3	12.7
MANUFACTURING	104.7	104.6	106.9	.1	- 2.2
Durable Goods[e]	75.8	75.6	78.1	.1	- 2.3
Fabricated metal products	8.5	8.4	8.6	.1	- .2
Machinery, except electrical	31.8	31.6	32.9	.1	- 1.2
Metalworking machinery	7.1	7.2	7.0	- .1	.0
General industrial machinery	2.6	2.5	2.9	.0	- .3
Electric and electronic equipment	5.0	5.1	5.6	- .1	- .6
Electrical industrial apparatus	2.8	2.9	2.9	.0	- .1
Transportation equipment	21.7	21.6	21.7	.1	.0
Nondurable Goods[f]	28.9	29.0	28.8	- .1	.1
Food and kindred products	2.8	3.0	2.9	- .2	- .1
Paper and allied products	5.7	5.7	5.6	.0	.1
Printing and publishing	8.5	8.5	8.2	.0	.2
Rubber and misc. plastics products	8.2	8.2	8.3	.0	- .1
NONMANUFACTURING[g]	316.0	316.4	301.1	- .4	14.9
CONSTRUCTION	16.1	15.0	14.1	1.1	2.0
TRANSPORTATION AND PUBLIC UTILITIES	15.2	15.2	14.7	- .1	.5
Communication, electric, gas services	5.7	5.9	6.1	- .2	- .4
WHOLESALE TRADE	20.1	20.0	19.1	.1	.9
Wholesale trade-durable goods	13.5	13.5	13.0	.0	.5
RETAIL TRADE	75.7	75.2	71.2	.5	4.5
General merchandise stores	11.0	11.0	11.0	- .1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	17.3	17.2	16.9	.1	.4
Banking	4.3	4.2	4.2	.0	.1
Credit agencies other than banks	4.7	4.7	4.2	.0	.5
Insurance carriers	2.7	2.7	3.1	.0	- .4
SERVICES	100.7	99.7	94.7	1.0	6.0
Business services	23.4	23.1	20.3	.3	3.1
Health services	33.8	33.8	33.8	.0	.0
Educational services	6.8	6.9	5.8	- .1	1.0
GOVERNMENT	70.6	73.7	70.0	- 3.1	.5
Federal government	27.6	27.8	27.8	- .2	- .2
State government	7.1	6.9	6.6	.2	.4
State government education[h]	4.3	4.2	4.0	.1	.4
State government, except education	2.7	2.6	2.7	.1	.1
Local government	35.9	39.0	35.6	- 3.2	.3
Local government education	21.1	24.7	20.7	- 3.6	.4
Local government, except education	14.7	14.3	14.9	.4	- .1

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

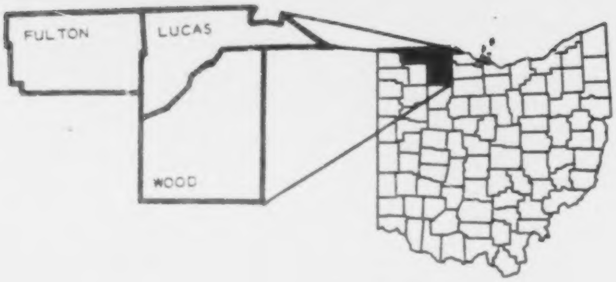
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$522.20	$515.31	$543.23	43.3	42.8	44.6	$12.06	$12.04	$12.18
Durable Goods[e]	534.54	528.04	552.72	43.6	43.0	44.9	12.26	12.28	12.31
Fabricated metal products	391.95	370.87	362.15	42.1	40.4	41.2	9.31	9.18	8.79
Machinery, except electrical	553.14	546.01	567.84	43.9	43.3	45.5	12.60	12.61	12.48
Metalworking machinery	513.98	517.44	544.42	44.5	44.8	47.3	11.55	11.55	11.51
General industrial machinery	435.45	424.09	434.52	42.4	40.7	42.6	10.27	10.42	10.20
Electric and electronic equipment	400.51	378.53	380.38	42.8	41.1	42.5	9.36	9.21	8.95
Electrical industrial apparatus	458.20	440.30	418.71	44.1	42.5	43.3	10.39	10.36	9.67
Transportation equipment	656.32	659.94	719.53	44.8	44.5	47.4	14.65	14.83	15.18
Nondurable Goods[f]	490.20	474.31	514.79	42.7	41.9	43.7	11.48	11.32	11.76
Food and kindred products	371.51	346.90	387.72	43.3	42.1	42.7	8.58	8.24	9.08
Paper and allied products	472.03	463.37	460.81	45.3	44.9	45.4	10.42	10.32	10.15
Printing and publishing	424.51	420.82	411.18	40.2	39.7	38.5	10.56	10.60	10.68
Rubber and misc. plastics products	625.81	596.96	684.12	43.1	41.6	46.1	14.52	14.35	14.84
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	534.70	521.09	516.97	40.6	39.9	40.2	13.17	13.06	12.86
WHOLESALE TRADE	383.54	376.11	370.44	40.5	39.8	42.0	9.47	9.45	8.82
RETAIL TRADE[h]	156.06	157.18	161.50	28.9	29.0	30.3	5.40	5.42	5.33

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. [j] Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [k] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	2,873	2,569	3,050
Active File of Job Seekers	27,935	28,383	31,309
Referrals to Jobs	1,538	1,529	1,513
Placements	533	198	504
Job Openings Received	977	1,148	1,006
Job Openings Unfilled	1,672	1,483	1,534
Unemployment Insurance Program			
Initial Claims	2,812	2,954	3,244
Continued Claims	23,390	26,008	23,028
First Payments	1,183	1,228	1,296
Last Payments	481	637	501
Weeks Compensated	19,043	24,607	20,104
Benefits Paid	$2,597,599	$3,392,971	$2,611,897
Average Weekly Payment	$139.86	$140.64	$132.63

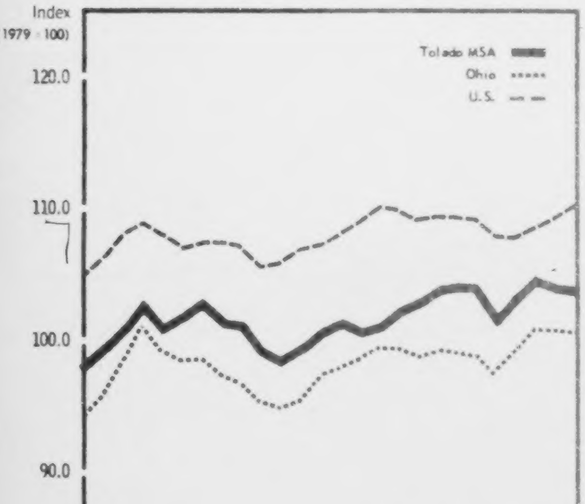
TOLEDO
METROPOLITAN STATISTICAL AREA



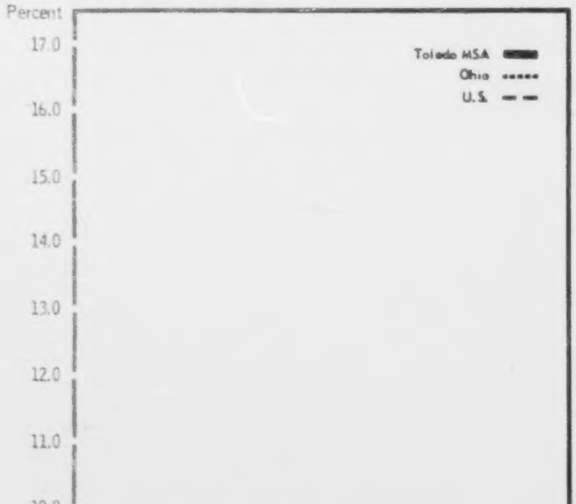
Nonagricultural wage and salary employment in the Toledo area decreased 3,000 from last month, to 270,000 in June 1986. A strike in the communications industry, as well as the summer break in education, led to a decrease in employment in nonmanufacturing. Increases were posted in services, retail trade, and construction. Manufacturing employment increased 300, to 62,400 in June. Durable-goods industries held steady or showed slight increases, with the exception of electric and electronic equipment. Production workers in manufacturing worked an average of 42.4 hours in June, up .2 hours from May. They earned an average of $12.41 an hour, down $.02 from last month.

Since June 1985, Toledo nonagricultural wage and salary employment has increased 7,500. This improvement occurred in nonmanufacturing, with the largest gains reported in services and retail trade: 4,800 and 3,100 workers, respectively. Manufacturing declined 2,800 over the year with losses in all durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



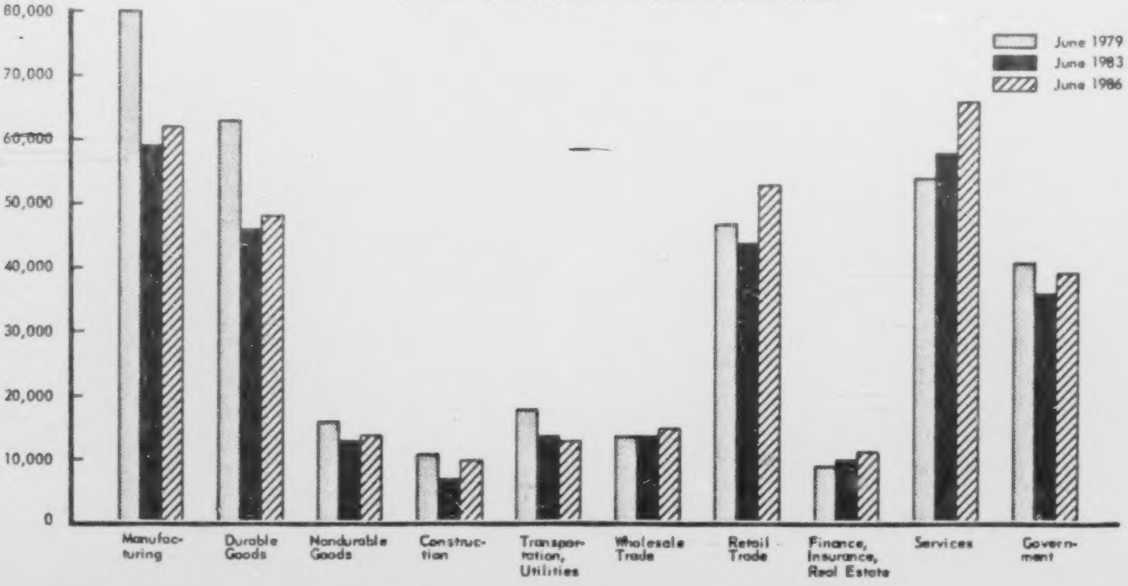
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
291.1	270.8	20.3	7.0	May	264.9	64.8	45.6	513.15	42.2	12.16
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
303.5	279.9	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
302.7	277.9	24.8	8.2	April	270.0	62.6	43.2	515.23	41.8	12.35
302.9	277.2	25.7	8.5	May	273.0	62.1	42.8	524.55	42.2	12.43
INA	INA	INA	INA	June	270.0	62.4	43.0	526.18	42.4	12.41

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	270.0	273.0	262.6	- 3.0	7.5
MANUFACTURING	62.4	62.1	65.1	.3	- 2.8
Durable Goods[e]	48.2	47.9	51.1	.3	- 2.9
Stone, clay, and glass products	8.7	8.8	8.8	.0	- .1
Primary metal industries	3.3	3.4	3.5	.0	- .2
Fabricated metal products	7.9	7.6	8.0	.3	- .2
Metal forgings and stampings	3.6	3.5	3.7	.1	- .1
Machinery, except electrical	5.9	5.9	6.1	.0	- .2
Electric and electronic equipment	2.7	2.8	3.2	- .1	- .4
Transportation equipment	15.7	15.6	17.6	.0	- 1.9
Motor vehicles and equipment	14.6	14.6	16.4	- .1	- 1.9
Nondurable Goods[f]	14.1	14.2	14.0	.0	.1
Food and kindred products	3.7	3.7	3.8	.0	.0
Rubber and misc. plastics products	3.0	3.1	2.9	- .1	.1
NONMANUFACTURING[g]	207.7	210.9	197.4	- 3.3	10.2
CONSTRUCTION	9.6	9.1	8.7	.4	.9
TRANSPORTATION AND PUBLIC UTILITIES	13.1	14.1	14.1	- 1.0	- 1.0
Trucking and warehousing	5.6	5.6	5.5	.1	.1
Communication, electric, gas services	3.8[j]	4.8	4.7	- 1.0	- .9
WHOLESALE TRADE	15.3	15.3	14.9	.1	.4
Wholesale trade-durable goods	10.3	10.2	10.0	.1	.3
RETAIL TRADE	53.2	52.8	50.1	.4	3.1
General merchandise stores	6.9	6.8	7.0	.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.5	11.4	10.3	.1	1.3
Banking	4.0	3.9	3.4	.0	.6
SERVICES	66.0	65.5	61.2	.5	4.8
Business services	12.4	12.0	10.6	.4	1.8
Health services	25.1	25.2	24.5	.0	.7
GOVERNMENT	38.6	42.4	37.9	- 3.8	.7
State government	12.2	16.1	11.8	- 3.8	.4
State government education[i]	8.2	12.1	7.9	- 3.9	.3
State government, except education	4.0	3.9	3.9	.1	.1
Local government	23.8	23.8	23.6	.0	.2
Local government education	13.5	13.8	13.3	- .3	.2
Local government, except education	10.3	10.0	10.3	.3	.0

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1985[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$526.18	$524.55	$517.65	42.4	42.2	42.5	$12.41	$12.43	$12.18
Durable Goods[e]	546.98	548.66	539.73	42.5	42.4	42.7	12.87	12.94	12.64
Stone, clay, and glass products	558.62	557.36	517.37	44.3	44.2	42.2	12.61	12.61	12.26
Primary metal industries	502.30	506.66	463.76	44.1	44.6	43.1	11.39	11.36	10.76
Fabricated metal products	479.45	493.07	465.12	40.7	41.4	40.8	11.78	11.91	11.40
Metal forgings and stampings	558.01	577.68	551.67	41.0	41.8	42.6	13.61	13.82	12.95
Machinery, except electrical	456.78	465.92	444.11	41.3	41.6	41.7	11.06	11.20	10.65
Electric and electronic equipment	589.58	552.67	552.41	42.6	40.4	43.6	13.84	13.68	12.67
Transportation equipment	648.19	644.73	652.08	42.7	42.5	44.0	15.18	15.17	14.82
Motor vehicles and equipment	650.08	647.70	657.09	42.6	42.5	44.1	15.26	15.24	14.90
Nondurable Goods[f]	453.84	441.38	426.82	42.1	41.6	41.6	10.78	10.61	10.26
Food and kindred products	550.61	554.73	458.29	44.1	45.1	42.2	12.49	12.30	10.86
Rubber and misc. plastics products	344.42	310.86	327.57	41.9	39.6	41.1	8.22	7.85	7.97
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	670.44	580.56	544.28	45.3	42.1	41.9	14.80	13.79	12.99
WHOLESALE TRADE	356.90	362.16	312.57	38.5	38.9	35.6	9.27	9.31	8.78
RETAIL TRADE[h]	157.00	156.65	161.32	29.4	29.5	29.6	5.34	5.31	5.45

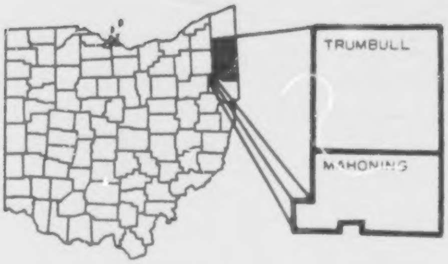
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	2,134	2,137	2,685
Active File of Job Seekers	27,410	27,160	28,984
Referrals to Jobs	1,081	873	1,763
Placements	295	266	408
Job Openings Received	571	518	775
Job Openings Unfilled	639	565	1,221
Unemployment Insurance Program			
Initial Claims	3,559	4,295	3,528
Continued Claims	29,928	33,344	22,076
First Payments	1,426	1,693	1,202
Last Payments	444	458	377
Weeks Compensated	26,401	31,678	19,253
Benefits Paid	$4,094,294	$4,961,362	$2,688,360
Average Weekly Payment	$158.34	$160.03	$143.97

YOUNGSTOWN-WARREN

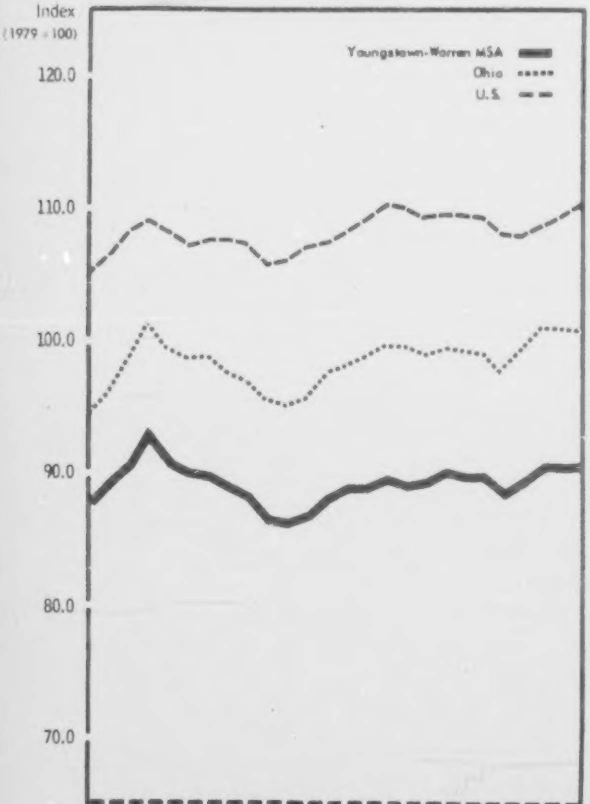
METROPOLITAN STATISTICAL AREA



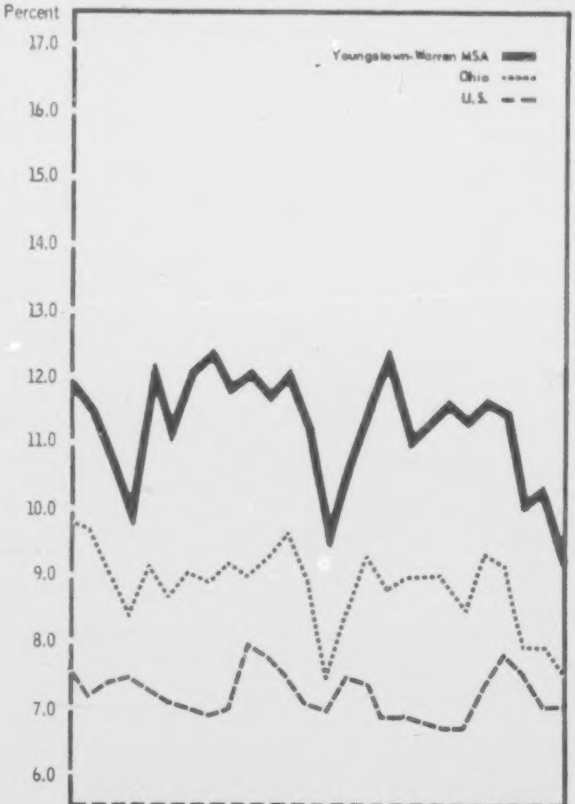
Nonagricultural wage and salary employment in the Youngstown-Warren area was 191,300 for the month of June, an increase of 1,200 over the May level. The improvement occurred in nonmanufacturing, with construction posting the largest increase, 800 workers over the month. Retail trade and services also advanced seasonally, rising by 400 workers each. June employment in manufacturing was 51,700, down slightly from May. Production workers in manufacturing averaged a 40.9 hour workweek, up .4 hours from May. They earned $13.14 an hour, down $.04 from last month.

Since June 1985, total nonagricultural wage and salary employment for the Youngstown-Warren metropolitan area rose by 6,100 workers. Services led this increase with an expansion of 2,000 workers, followed closely by retail trade, with an increase of 1,900 workers. Manufacturing showed a net loss of 1,100 over the course of the year, with gains in transportation equipment overshadowed by decreases in all other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



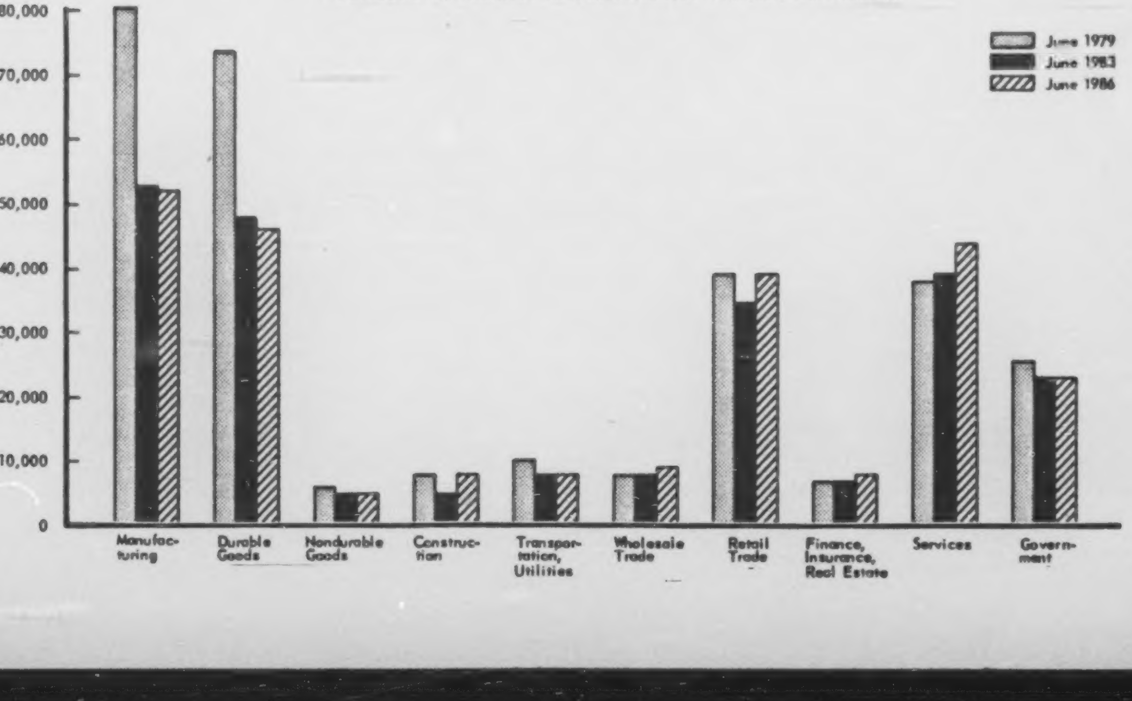
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
216.4	195.9	20.5	9.5	May	185.7	52.8	40.1	579.88	43.6	13.30
219.3	195.8	23.4	10.7	June	185.2	52.8	39.9	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.8	198.9	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
219.3	199.2	20.1	9.2	May	190.1	51.9	38.8	533.79	40.5	13.18
INA	INA	INA	INA	June	191.3	51.7	38.6	537.43	40.9	13.14

INA - information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	June 1986[b]	May 1986[c]	June 1985[c]	From Last Month	From Last Year
TOTAL	191.3	190.1	185.2	1.2	6.1
MANUFACTURING	51.7	51.9	52.8	- .1	- 1.1
Durable Goods[e]	46.3	46.4	47.8	.0	- 1.5
Primary metal industries	20.0	20.3	20.9	- .3	- .9
Blast furnace and basic steel products	6.7	6.7	7.3	.0	- .6
Fabricated metal products	7.7	7.6	8.1	.2	- .4
Machinery, except electrical	3.3	3.3	4.2	.0	- .9
Electric and electronic equipment	2.4	2.3	2.5	.0	- .1
Transportation equipment	9.8	9.9	8.8	.0	1.0
Nondurable Goods[f]	5.4	5.5	5.0	- .1	.4
NONMANUFACTURING[g]	139.6	138.2	132.4	1.3	7.2
CONSTRUCTION	7.6	6.9	6.9	.8	.8
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.7	7.6	.0	.2
Communication, electric, gas services	3.0	3.0	3.1	.0	- .1
WHOLESALE TRADE	9.4	9.2	8.8	.1	.6
Wholesale trade-durable goods	6.3	6.2	5.9	.1	.4
RETAIL TRADE	38.8	38.5	37.0	.4	1.9
General merchandise stores	5.4	5.4	5.7	.0	- .3
FINANCE, INSURANCE, AND REAL ESTATE	8.0	7.9	7.5	.1	.5
Banking	2.7	2.6	2.5	.0	.1
SERVICES	43.8	43.4	41.8	.4	2.0
Health services	18.2	18.1	18.2	.1	.0
GOVERNMENT	23.4	23.9	22.0	- .5	1.4
State government	4.0	4.0	4.0	.0	.0
State government education[h]	2.4	2.5	2.5	- .1	.0
State government, except education	1.5	1.5	1.5	.0	.0
Local government	17.3	17.8	16.0	- .5	1.3
Local government education	10.7	11.4	9.4	- .8	1.2
Local government, except education	6.7	6.4	6.6	.3	.1

Youngstown-Warren MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]	June 1986[b]	May 1986[c]	June 1985[c]
MANUFACTURING	$537.43	$533.79	$563.68	40.9	40.5	42.8	$13.14	$13.18	$13.17
Durable Goods[e]	553.09	551.49	581.42	41.0	40.7	43.1	13.49	13.55	13.49
Primary metal industries	537.60	535.54	598.33	38.4	38.5	41.9	14.00	13.91	14.28
Blast furnace and basic steel products	485.73	488.43	507.11	35.9	36.1	38.1	13.53	13.53	13.31
Fabricated metal products	575.19	585.31	599.18	42.2	42.2	43.2	13.63	13.87	13.87
Machinery, except electrical	459.20	454.41	462.51	41.0	40.5	40.5	11.20	11.22	11.42
Electric and electronic equipment	405.72	405.46	402.73	39.2	38.8	39.6	10.35	10.45	10.17
Transportation equipment	668.38	657.62	700.35	45.1	43.9	48.3	14.82	14.98	14.50
Nondurable Goods[f]	378.10	361.46	362.61	39.8	38.7	39.5	9.50	9.34	9.18
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.54	514.63	508.00	40.8	40.3	41.1	12.93	12.77	12.36
WHOLESALE TRADE	334.08	338.69	314.04	38.4	39.2	37.7	8.70	8.64	8.33
RETAIL TRADE[h]	169.50	167.77	166.06	30.0	29.8	29.6	5.65	5.63	5.61

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	June 1986	May 1986	June 1985
Employment Service Program			
New Applicants	2,059	2,189	2,746
Active File of Job Seekers	32,551	33,995	33,964
Referrals to Jobs	1,258	1,606	2,207
Placements	485	506	598
Job Openings Received	650	570	798
Job Openings Unfilled	552	524	601
Unemployment Insurance Program			
Initial Claims	4,175	4,098	4,065
Continued Claims	19,695	24,178	21,009
First Payments	938	1,274	1,286
Last Payments	427	514	470
Weeks Compensated	17,200	23,336	19,349
Benefits Paid	$2,407,857	$3,353,531	$2,719,928
Average Weekly Payment	$143.96	$147.57	$144.80

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports, on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	June 1986	May 1986	June 1985
New Applicants	46,638	42,607	48,715
Active File of Job Seekers	421,135	429,796	443,778
Counseling Interviews	1,860	2,660	2,277
Tests Administered	6,153	3,488	2,150
General Aptitude Tests	587	1,121	34
Proficiency Tests	536	537	656
Specific Aptitude Tests	290	637	704
Referrals to Jobs	27,872	25,719	28,142
Placements	7,215	6,778	7,104
Job Openings Received	12,879	15,018	15,542
Job Openings Unfilled	23,964	24,729	26,993

Selected Unemployment Insurance Activities

	June 1986	May 1986	June 1985
Initial Claims	54,748	57,347	57,870
Continued Claims	422,587	461,121	417,224
First Payments	20,066	22,558	21,017
Last Payments	8,251	10,140	8,922
Average Weekly Claimants	101,165	108,059	103,496
Average Weekly Benefit Recipients	71,963	92,561	86,004
Weeks Compensated	345,217	430,744	365,954
Benefits Paid	$50,034,506	$63,411,938	$51,777,309
Average Weekly Payment	$148.50	$150.62	$145.05
Continued Claims for Survey Week	102,242	106,675	102,554
Insured Unemployment Rate	2.4	2.6	2.6
Net Contributions	$6,686,950	$327,904,012	$5,322,264
Active Employer Accounts	192,819	192,297	191,290

This periodical is published monthly by the Ohio Bureau of Employment Services in cooperation with the U.S. Department of Labor. For further information contact Dixie Sommers, Director, Labor Market Information Division at (614) 466-8806

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Ohio
Labor
Market
Information

Labor Market Review

July 1986

Summary. The seasonally adjusted unemployment rate in Ohio dropped from 8.9 percent in June 1986, to 8.0 percent in July. The civilian labor force, at 5,181,000, was down slightly from June. Total employment advanced 44,000 to 4,766,000 in July, according to the latest Current Population Survey data. The number of unemployed workers in Ohio fell 47,000 over the month, to 415,000 in July. The U.S. seasonally adjusted unemployment rate, at 6.9 percent, was down .2 percentage points from June. Seasonally adjusted nonagricultural wage and salary employment rose 3,000 from June, to 4,506,000 in July, according to the latest employer survey. This sets a new all-time high for Ohio, breaking the previous record level of 4,504,000 reached in May 1986 and March 1979. (See page 3.)

Factory Employment. Ohio manufacturing employment dropped 5,000 from June to July. Seasonally adjusted factory employment declined .5 percent, from 1,102,000 in June to 1,097,000 in July. Most of the change occurred in durable goods.

Nonmanufacturing. From June to July, Ohio's nonmanufacturing employment rose .2 percent, from 3,401,000 to 3,410,000. Settlement of a labor-management dispute in transportation and public utilities boosted nonmanufacturing employment by 5,000. Employment in services rose 4,000.

Over the Year. Ohio's seasonally adjusted total employment increased 140,000, or 3.0 percent, from July 1985 to July 1986. In the same period, the civilian labor force rose 1.6 percent. A decrease of 59,000 in the number of unemployed workers, combined with a growth of 81,000 in the labor force, lowered the unemployment rate from 9.3 percent in July 1985 to the current 8.0 percent. The national rate fell from 7.3 percent to 6.9 percent over the same period. Nonagricultural wage and salary employment in Ohio advanced 130,000 since July 1985. Growth in services and retail trade accounted for nearly 88.5 percent of the change. Due to continued losses in durable-goods industries—especially nonelectrical machinery, primary metals, and fabricated metal products—manufacturing employment declined 21,000.

Factory Hours and Earnings. Average weekly earnings of Ohio manufacturing production workers dropped $5.01 from June, to $476.84 in July. The average workweek of 41.5 hours was .4 hours shorter. Reduced overtime lowered earnings in most manufacturing industries. Significant losses occurred in motor vehicles and equipment, metal forgings and stampings, and iron and steel foundries.

Benefits and Costs. There were 71,748 initial claims filed under Ohio's Unemployment Compensation Law in July 1986, up 31.1 percent from June, but down 14.2 percent from July 1985. The average weekly number of benefit recipients fell from 86,304 in June, to 81,682 in July. The average benefit check of $146.79 was down $1.71 from the previous month.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Total benefits paid in July were $54.5 million, up 9.0 percent from June. At the end of July, there were 192,202 active employer accounts.

Employment Service. July data on employment service activities are not currently available but will be included in the August 1986 issue of the Ohio Labor Market Review.

YOU ARE INVITED TO PARTICIPATE

In National Employ the Handicapped Week
October 5 - 11, 1986

"People At Work" is the theme for National Employ the Handicapped Week. The observance has three objectives:

1. To express appreciation to employers who have established outstanding programs and records of hiring people with disabilities.

2. To encourage those employers who have not hired a worker with a disability to look at abilities, not disabilities.

3. To salute the achievements of people with disabilities who are contributing to their communities and to society through their jobs.

If you would like to get involved, call your local OBES office and open the door for a handicapable person. A qualified handicapped worker can add new dimensions to your workplace.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Jul. 1986	Jun. 1986	Jul. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,181	5,184	5,100	-3	81	-0.1	1.6
Employment	4,766	4,722	4,626	44	140	0.9	3.0
Unemployment	415	462	474	-47	-59	-10.2	-12.4
Unemployment Rate	8.0	8.9	9.3				
Employer Survey Data[e]							
Total	4,506	4,503	4,376	3	130	0.1	3.0
Manufacturing	1,097	1,102	1,118	-5	-21	-0.5	-1.9
Durable Goods	747	750	767	-4	-20	-0.5	-2.6
Nondurable Goods	350	351	351	-2	-1	-0.4	-0.3
Nonmanufacturing	3,410	3,401	3,259	8	151	0.2	4.6
Mining	25	25	26	0	-2	-0.4	-6.1
Construction	162	162	153	0	9	0.1	5.9
Transportation and Public Utilities	203	198	202	5	1	2.3	0.2
Wholesale Trade	254	254	246	0	8	0.1	3.1
Retail Trade	837	837	792	0	45	0.0	5.7
Finance, Insurance, and Real Estate	229	228	219	1	10	0.6	4.7
Services	1,025	1,021	955	4	70	0.4	7.3
Government	676	678	666	-2	10	-0.4	1.5
Goods Producing Industries[f]	1,283	1,288	1,297	-5	-14	-0.4	-1.1
Service Producing Industries[g]	3,223	3,215	3,079	8	143	0.3	4.7

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	U.S.				Durable	Nondurable
					1984				
5,143	4,711	432	8.4	7.4	July	4,267	1,133	778	354
5,104	4,617	487	9.5	7.5	August	4,288	1,138	783	355
5,126	4,663	463	9.0	7.4	September	4,289	1,130	775	354
5,121	4,648	473	9.2	7.3	October	4,306	1,132	777	356
5,082	4,638	444	8.7	7.2	November	4,321	1,135	780	356
5,124	4,656	468	9.1	7.2	December	4,327	1,137	781	355
					1985				
5,111	4,667	444	8.7	7.4	January	4,323	1,134	779	355
5,135	4,678	457	8.9	7.3	February	4,328	1,133	778	356
5,143	4,673	470	9.1	7.3	March	4,343	1,129	774	355
5,148	4,684	464	9.0	7.3	April	4,358	1,127	772	355
5,071	4,659	412	8.1	7.3	May	4,376	1,127	772	355
5,065	4,623	442	8.7	7.3	June	4,367	1,123	769	354
5,100	4,626	474	9.3	7.3	July	4,376	1,118	767	351
5,104	4,645	459	9.0	7.1	August	4,384	1,116	763	353
5,154	4,678	476	9.2	7.1	September	4,394	1,110	757	353
5,154	4,688	466	9.0	7.1	October	4,410	1,115	763	353
5,181	4,723	458	8.8	7.0	November	4,430	1,121	767	354
5,186	4,749	437	8.4	6.9	December	4,449	1,126	772	354
					1986				
5,226	4,758	468	9.0	6.7	January	4,483	1,130	774	357
5,357	4,890	467	8.7	7.3	February	4,482	1,127	769	358
5,311	4,919	392	7.4	7.2	March	4,482	1,117	761	356
5,265	4,842	423	8.0	7.1	April	4,494	1,114	760	354
5,197	4,778	419	8.1	7.3	May	4,504	1,104	752	353
5,184	4,722	462	8.9	7.1	June	4,503	1,102	750	351
5,181	4,766	415	8.0	6.9	July	4,506	1,097	747	350

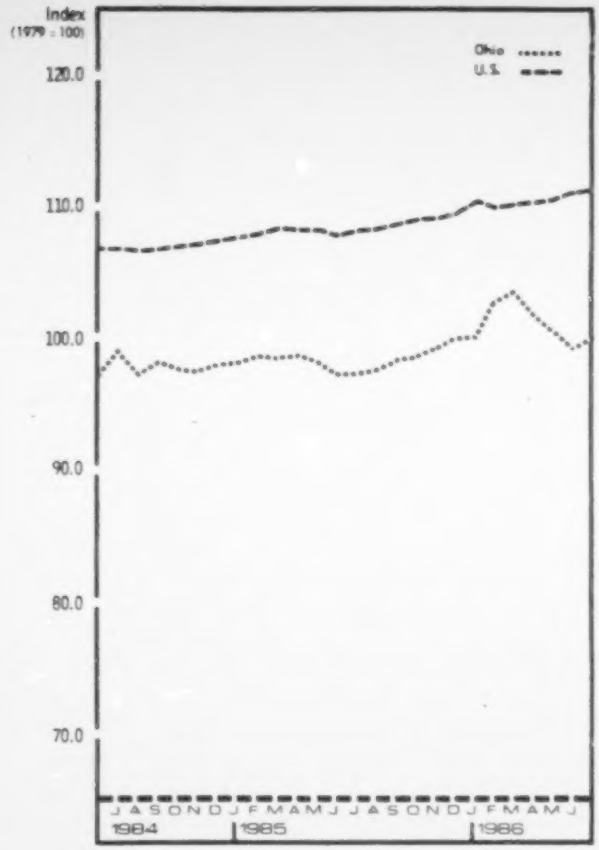
Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

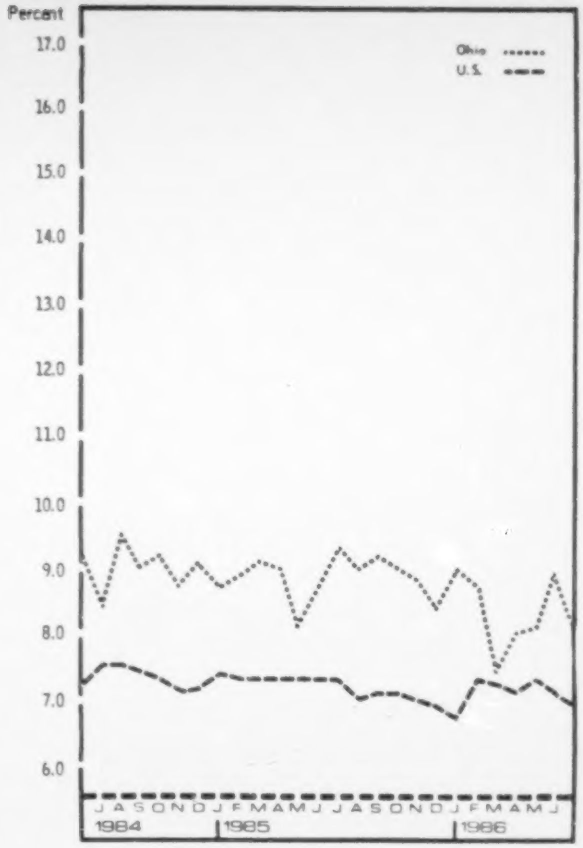
Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,134	28	146	204	238	July	749	212	907	651
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,380	26	161	204	254	April	831	226	1004	675
3,400	25	162	203	255	May	834	227	1016	678
3,401	25	162	198	254	June	837	228	1021	678
3,410	25	162	203	254	July	837	229	1025	676

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Review*.

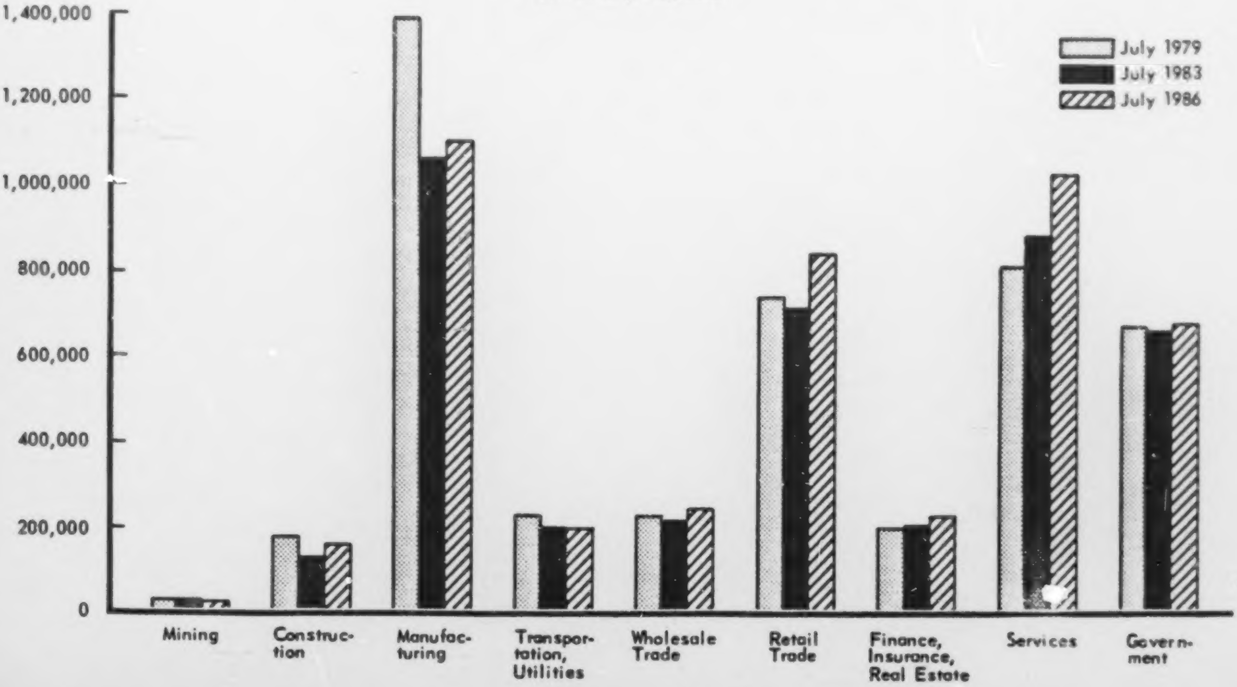
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.
(Seasonally Adjusted)



UNEMPLOYMENT RATES
OHIO AND U.S.
(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES
(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

	Civilian Labor Force			Unemployment Rate	
	Total	Employed	Unemployed	Ohio	U.S.
1975	4,723	4,294	429	9.1	8.5
1976	4,751	4,380	370	7.8	7.7
1977	4,833	4,520	312	6.5	7.1
1978	4,959	4,690	268	5.4	6.1
1979	5,059	4,760	299	5.9	5.8
1980	5,089	4,663	426	8.4	7.1
1981	5,100	4,608	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,099	4,478	621	12.2	9.6
1984	5,089	4,609	480	9.4	7.5
1985	5,130	4,675	455	8.9	7.2
1985					
July	5,237	4,750	487	9.3	7.4
August	5,207	4,751	456	8.8	6.9
September	5,185	4,719	466	9.0	6.9
October	5,216	4,747	469	9.0	6.8
November	5,200	4,734	466	9.0	6.7
December	5,156	4,721	436	8.5	6.7
1986					
January	5,121	4,647	474	9.3	7.3
February	5,212	4,740	472	9.1	7.8
March	5,226	4,812	414	7.9	7.5
April	5,217	4,804	413	7.9	7.0
May	5,180	4,791	389	7.5	7.0
June	5,259	4,802	457	8.7	7.3
July	5,287	4,875	412	7.8	7.0

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural			
		Manufacturing		
			Durable	Nondurable
1975	4,016.2	1,267.5	892.4	375.1
1976	4,094.6	1,295.3	910.6	384.6
1977	4,230.1	1,344.1	945.2	398.9
1978	4,394.9	1,377.2	974.5	402.7
1979	4,464.8	1,382.3	980.5	401.8
1980	4,367.4	1,264.3	882.6	381.8
1981	4,317.7	1,232.6	860.4	372.2
1982	4,124.3	1,099.9	752.4	347.5
1983	4,092.5	1,066.0	723.6	342.4
1984	4,260.2	1,127.0	773.4	353.6
1985	4,378.6	1,123.1	769.1	354.0
1985				
July	4,383.5	1,120.4	768.3	352.1
August	4,385.8	1,118.4	761.3	357.2
September	4,437.7	1,121.4	762.6	358.8
October	4,456.8	1,119.8	765.5	354.4
November	4,473.1	1,123.1	768.2	354.9
December	4,483.7	1,123.6	769.5	354.1
1986				
January	4,393.4	1,119.3	766.7	352.7
February	4,387.1	1,114.2	761.2	353.0
March	4,418.5	1,111.9	759.1	352.7
April	4,481.6	1,110.8	759.6	351.2
May	4,533.2	1,105.7	753.8	351.9
June	4,549.1	1,109.3	756.1	353.2
July	4,515.1	1,099.1	748.1	351.0

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

	Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, & Real Estate	Services	Government
1975	2,748.7	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	2,799.3	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	2,886.0	29.1	162.8	219.1	214.6	703.2	183.4	731.4	642.3
1978	3,017.7	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	3,082.5	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	3,103.0	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	3,085.1	30.7	153.7	217.2	232.5	717.7	205.8	851.6	676.0
1982	3,024.4	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	3,026.5	26.6	130.8	198.5	222.5	711.0	207.8	873.3	656.1
1984	3,133.1	27.8	144.8	203.9	236.7	748.0	211.5	905.2	655.2
1985	3,255.5	26.4	154.1	202.5	246.5	789.8	218.3	953.3	664.7
1985									
July	3,263.2	26.8	168.1	204.4	248.1	797.4	221.4	966.3	630.8
August	3,267.3	26.5	172.1	203.2	249.0	802.8	221.4	968.2	624.1
September	3,316.3	26.6	172.6	204.3	249.3	807.2	221.0	977.7	657.6
October	3,337.0	26.5	172.9	204.4	250.3	809.9	220.1	974.2	678.7
November	3,350.0	26.6	166.6	204.3	250.9	821.9	221.2	974.6	683.9
December	3,360.1	26.2	155.7	204.4	251.2	838.7	221.6	976.5	685.8
1986									
January	3,274.0	25.9	134.9	199.3	249.5	802.2	221.3	965.7	675.3
February	3,272.9	25.4	129.8	199.4	249.4	790.3	222.0	972.0	684.7
March	3,306.7	24.9	135.7	200.4	251.2	801.3	223.0	982.1	688.1
April	3,370.8	25.0	150.9	202.6	253.1	821.4	225.1	1,005.4	687.3
May	3,427.5	25.1	162.5	203.9	254.5	836.8	227.4	1,024.9	692.4
June	3,439.8	25.0	170.8	200.3	255.8	843.2	229.9	1,037.9	677.0
July	3,416.0	25.2	178.0	204.7	255.8	843.5	231.9	1,036.8	640.1

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio[*]

Manufacturing Employment (in thousands) — **Production Workers in Manufacturing**

Manufacturing	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,123.1	769.1	354.0	1985	773.4	369.7	32.5
			1985			
1,120.4	768.3	352.1	July	767.9	362.8	32.0
1,118.4	761.3	357.2	August	766.0	359.7	31.9
1,121.4	762.6	358.8	September	769.5	368.9	32.5
1,119.8	765.5	354.4	October	768.9	370.9	32.4
1,123.1	768.2	354.9	November	772.9	376.6	32.8
1,123.6	769.5	354.1	December	773.5	387.2	33.3
			1986			
1,119.3	766.7	352.7	January	769.1	375.5	32.5
1,114.2	761.2	353.0	February	764.1	373.4	32.2
1,111.9	759.1	352.7	March	762.5	372.3	32.2
1,110.8	759.6	351.2	April	761.7	366.8	31.8
1,105.7	753.8	351.9	May	757.0	363.5	31.6
1,109.3	756.1	353.2	June	758.9	365.7	31.8
1,099.1	748.1	351.0	July	747.4	356.4	31.0

Production Workers Average Weekly Earnings — **Production Workers Average Weekly Hours** — **Production Workers Average Hourly Earnings**

Weekly Earnings: Manufacturing	Durable Goods	Nondurable Goods		Weekly Hours: Manufacturing	Durable Goods	Nondurable Goods		Hourly Earnings: Manufacturing	Durable Goods	Nondurable Goods
$224.47	$228.90	$211.85	1975	40.3	40.3	40.2	1975	$5.57	$5.68	$5.27
252.54	258.75	235.00	1976	41.2	41.4	41.3	1976	6.10	6.25	5.69
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
			1985				1985			
472.46	490.31	426.01	July	41.7	41.8	41.2	July	11.33	11.73	10.34
469.54	489.81	422.91	August	41.7	41.9	41.3	August	11.26	11.69	10.24
479.39	500.74	430.54	September	42.2	42.4	41.8	September	11.36	11.81	10.30
482.35	505.33	424.98	October	42.2	42.5	41.3	October	11.43	11.89	10.29
487.18	508.22	434.93	November	42.4	42.6	41.7	November	11.49	11.93	10.43
500.52	526.44	439.10	December	43.0	43.4	42.1	December	11.64	12.13	10.43
			1986				1986			
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	10.42
488.68	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	10.47
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	10.47
481.54	504.71	426.59	April	41.8	42.2	40.9	April	11.52	11.96	10.43
480.28	499.80	434.89	May	41.8	42.0	41.3	May	11.49	11.90	10.53
481.85	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	10.57
476.84	493.02	436.13	July	41.5	41.5	41.3	July	11.49	11.88	10.56

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[*] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

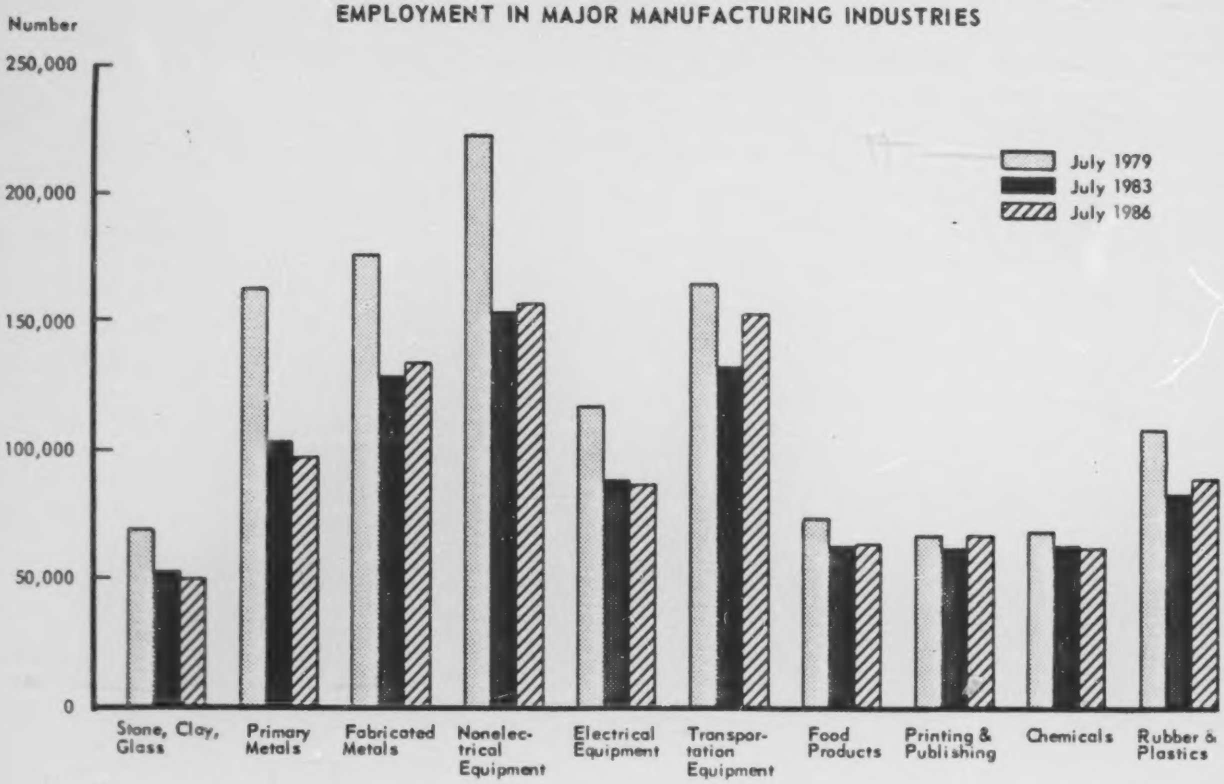
Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	91.0
			1985				1985			
50.7	103.3	138.3	July	166.3	89.7	151.1	July	62.7	66.5	88.7
51.2	99.0	137.2	August	164.2	89.8	150.5	August	65.5	66.8	90.5
51.4	98.5	139.1	September	164.0	89.2	150.9	September	65.9	66.9	91.4
51.2	99.0	138.7	October	163.4	89.1	154.5	October	63.3	67.1	91.3
51.0	101.3	138.6	November	162.9	88.1	157.2	November	62.9	67.5	91.7
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	91.7
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	91.7
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	91.4
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.3	90.9
50.5	100.3	135.9	June	158.2	87.7	152.8	June	63.5	67.3	91.3
50.4	97.1	134.0	July	157.1	86.9	152.6	July_	63.8	67.4	89.1

Average Weekly Earnings of Production Workers

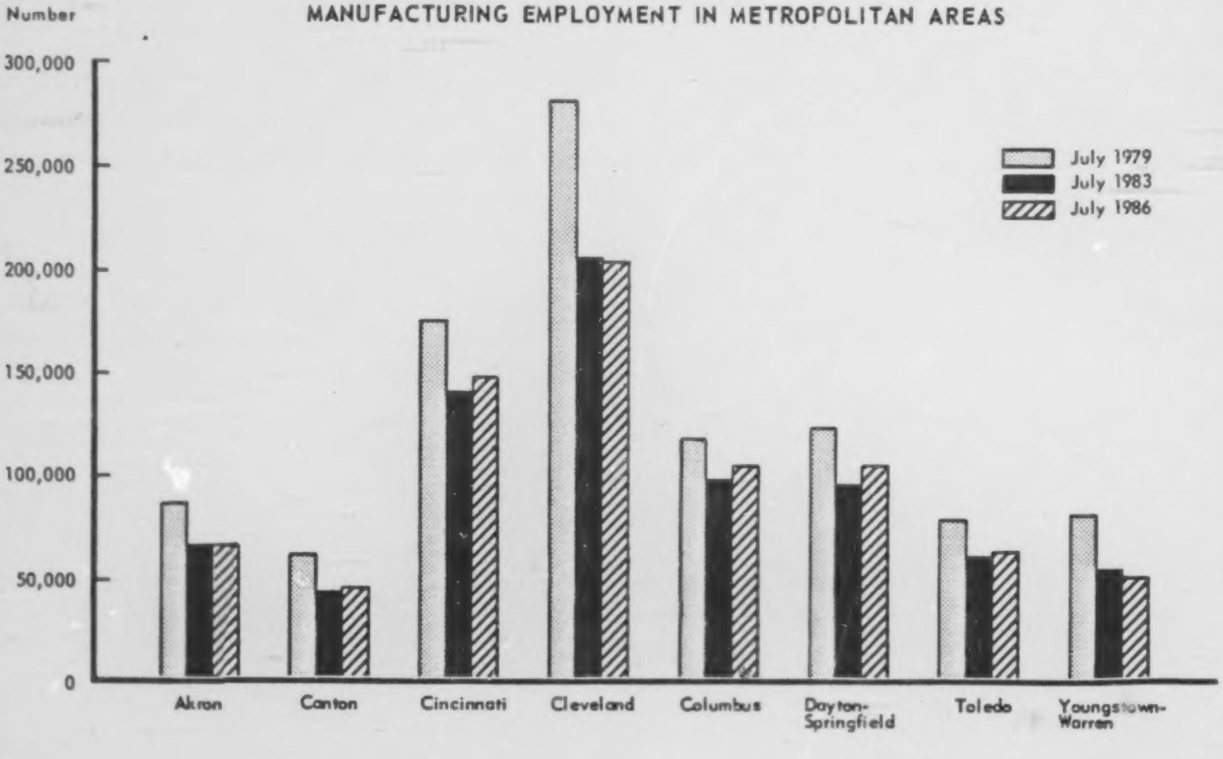
Stone, Clay, & Glass Products	Primary Metal Industries	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
438.90	544.13	486.88	July	471.94	422.65	613.20	July	422.94	395.26	431.15
439.74	552.30	468.86	August	469.14	430.77	612.76	August	413.27	397.97	422.42
439.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	403.52	431.63
[illegible]1.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	426.38
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.33	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.65	544.07	486.46	July	472.47	452.19	603.35	July	420.84	409.64	431.34

[a]Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	4515.1	4549.1	4383.5	- 34.0	131.5
MANUFACTURING	1099.1	1109.3	1120.4	- 10.2	- 21.3
Durable Goods[e]	748.1	756.1	768.3	- 8.0	- 20.2
Lumber and wood products	18.8	18.5	17.5	.3	1.2
Furniture and fixtures	14.5	15.0	14.5	- .5	.0
Stone, clay, and glass products	50.4	50.5	50.7	- .1	- .4
Glass and glassware, pressed or blown	11.0	11.4	11.0	- .4	.0
Primary metal industries	97.1	100.3	103.3	- 3.2	- 6.2
Blast furnace and basic steel products	45.7	46.2	47.5	- .5	- 1.7
Iron and steel foundries	20.2	20.7	21.4	- .5	- 1.2
Nonferrous rolling and drawing	17.5	18.1	18.7	- .6	- 1.2
Fabricated metal products	134.0	135.9	138.3	- 1.9	- 4.3
Cutlery, hand tools, and hardware	10.0	10.3	11.2	- .3	- 1.2
Fabricated structural metal products	28.6	28.7	29.2	- .1	- .6
Metal forgings and stampings	41.2	42.6	43.0	- 1.4	- 1.8
Machinery, except electrical	157.1	158.2	166.3	- 1.1	- 9.1
Construction and related machinery	13.6	13.7	15.3	- .1	- 1.7
Metalworking machinery	40.6	41.1	42.3	- .5	- 1.7
Special industry machinery	16.2	15.9	18.3	.3	- 2.1
General industrial machinery	28.5	28.9	30.5	- .5	- 2.0
Office and computing machines	13.9	13.7	13.9	.2	.0
Refrigeration and service machinery	16.4	16.7	17.2	- .3	- .8
Electric and electronic equipment	86.9	87.7	89.7	- .7	- 2.8
Electrical industrial apparatus	16.8	17.1	18.0	- .2	- 1.2
Household appliances	16.7	16.8	16.6	- .1	.2
Electric lighting and wiring equipment	17.0	17.0	17.7	.0	- .7
Communication equipment	9.7	9.8	11.0	- .1	- 1.2
Transportation equipment	152.6	152.8	151.1	- .2	1.5
Motor vehicles and equipment	96.1	96.8	98.7	- .7	- 2.6
Aircraft and parts	47.5	47.2	43.4	.3	4.1
Instruments and related products	22.5	23.3	22.8	- .8	- .2
Measuring and controlling devices	12.0	12.8	12.2	- .6	- .3
Nondurable Goods[f]	351.0	353.2	352.1	- 2.2	- 1.1
Food and kindred products	63.8	63.5	62.7	.3	1.1
Meat products	10.4	10.3	10.2	.1	.3
Dairy products	9.9	9.7	10.0	.1	- .2
Preserved fruits and vegetables	10.6	10.7	10.2	- .1	.4
Bakery products	9.0	9.0	9.1	.0	- .1
Beverages	10.3	10.1	10.3	.2	.1
Apparel and other textile products	15.7	16.0	16.6	- .3	- .9
Paper and allied products	36.0	36.1	36.8	- .1	- .9
Misc. converted paper products	11.8	11.9	12.0	- .1	- .3
Paperboard containers and boxes	11.7	11.8	12.0	- .1	- .3
Printing and publishing	67.4	67.3	66.5	.1	.9
Newspapers	18.9	18.8	18.4	.0	.5
Commercial printing	25.8	25.8	25.1	.0	.7
Chemicals and allied products	61.8	61.7	62.7	.1	- .9
Industrial inorganic chemicals	9.3	9.4	9.9	- .1	- .6
Rubber and misc. plastics products	89.1	91.3	88.7	- 2.3	.4
Tires and inner tubes	18.7	18.7	18.3	.0	.4
Miscellaneous plastics products	51.4	52.9	50.4	- 1.5	1.0

See footnotes on page 13.

Ohio (continued)

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3416.0	3439.8	3263.2	- 23.8	152.8
MINING	25.2	25.0	26.8	.2	- 1.6
Bituminous coal and lignite mining	10.6	10.6	11.1	.0	- .4
Oil and gas extraction	9.8	9.7	11.0	.2	- 1.1
CONSTRUCTION	178.0	170.8	168.1	7.2	9.9
General building contractors	44.8	42.9	41.4	1.9	3.4
Heavy construction contractors	26.4	25.2	24.6	1.2	1.8
Highway and street construction	12.2	11.8	11.5	.4	.8
Special trade contractors	106.7	102.7	102.0	4.0	4.7
TRANSPORTATION AND PUBLIC UTILITIES	204.7	200.3	204.4	4.4	.3
Railroad transportation	15.9	15.9	17.3	.0	- 1.5
Transportation, except railroads	99.9	99.9	96.1	- .1	3.8
Trucking and warehousing	71.7	71.6	68.7	.1	3.1
Communication, electric, gas services	89.0	84.5	90.9	4.5	- 1.9
Communication	48.7	44.5[j]	49.7	4.2	- 1.0
Electric, gas, and sanitary services	40.2	39.9	41.2	.3	- .9
WHOLESALE TRADE	255.8	255.8	248.1	.1	7.7
Wholesale trade-durable goods	162.8	162.7	157.9	.1	4.9
Motor vehicles & automotive equipment	25.5	25.4	24.4	.2	1.1
Electrical goods	21.2	21.0	20.5	.2	.7
Machinery, equipment, and supplies	68.4	68.4	66.2	.0	2.1
Wholesale trade-nondurable goods	93.0	93.1	90.2	- .1	2.9
Groceries and related products	29.2	29.1	27.9	.1	1.2
RETAIL TRADE	843.5	843.2	797.4	.3	46.1
General merchandise stores	112.7	112.7	110.3	.0	2.4
Department stores	103.1	103.0	101.0	.1	2.2
Food stores	129.6	129.8	125.7	- .2	3.9
Automotive dealers & service stations	95.3	94.9	88.9	.4	6.4
Apparel and accessory stores	38.7	38.7	36.3	.0	2.4
Eating and drinking places	303.5	303.8	285.7	- .2	17.8
FINANCE, INSURANCE, AND REAL ESTATE	231.9	229.9	221.4	2.0	10.5
Banking	63.4	62.8	60.6	.6	2.7
Credit agencies other than banks	36.2	35.9	34.3	.3	1.9
Insurance carriers	59.8	59.5	58.9	.4	1.0
Life insurance	21.2	21.1	22.0	.1	- .8
Fire, marine, and casualty insurance	28.8	28.6	27.9	.2	.9
SERVICES	1036.8	1037.9	966.3	- 1.1	70.5
Hotels and other lodging places	36.6	36.3	35.0	.4	1.6
Personal services	55.8	56.2	51.2	- .4	4.6
Laundry, cleaning, & garment services	18.8	19.1	17.8	- .3	1.0
Business services	199.7	197.1	176.0	2.6	23.8
Services to buildings	29.2	29.2	26.2	.0	3.0
Computer and data processing services	19.5	18.9	16.1	.6	3.4
Amusement and recreation services	56.9	55.2	52.2	1.7	4.7
Health services	345.0	342.2	331.0	2.8	14.0
Nursing and personal care facilities	74.0	73.3	71.4	.7	2.6
Hospitals	171.7	170.1	167.2	1.5	4.5
Educational services	51.4	60.1	48.5	- 8.6	2.9
Colleges and universities	27.3	32.2	23.3	- 4.9	4.0
GOVERNMENT	640.1	677.0	630.8	- 36.9	9.3
Federal government	93.4	93.2	93.1	.2	.3
State government	132.0	145.9	126.9	- 13.9	5.1
State government education[i]	57.7	72.3	55.4	- 14.6	2.3
State government, except education	74.3	73.6	71.5	.7	2.8
Local government	414.7	437.9	410.8	- 23.2	4.0
Local government education	220.1	247.3	216.4	- 27.2	3.7
Local government, except education	194.6	190.6	194.3	4.0	.2

See footnotes on page 13.

Ohio

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$476.84	$481.85	$472.46	41.5	41.9	41.7	$11.49	$11.50	$11.33
Durable Goods[e]	493.02	500.99	490.31	41.5	42.1	41.8	11.88	11.90	11.73
Lumber and wood products	299.21	295.80	298.49	41.1	40.8	40.5	7.28	7.25	7.37
Furniture and fixtures	332.29	339.06	314.82	39.7	40.9	39.6	8.37	8.29	7.95
Stone, clay, and glass products	442.65	443.56	438.90	41.1	41.3	42.0	10.77	10.74	10.45
Glass and glassware, pressed or blown	477.15	473.93	453.20	41.6	41.5	40.5	11.47	11.42	11.19
Primary metal industries	544.07	546.89	544.13	41.0	41.4	41.6	13.27	13.21	13.08
Blast furnace and basic steel products	560.33	541.90	542.01	40.9	40.2	40.6	13.70	13.48	13.35
Iron and steel foundries	548.05	583.87	541.70	40.9	42.9	41.1	13.40	13.61	13.18
Nonferrous rolling and drawing	557.20	557.75	601.35	39.8	40.3	42.2	14.00	13.84	14.25
Fabricated metal products	486.46	494.06	486.88	41.9	42.3	41.9	11.61	11.68	11.62
Cutlery, hand tools, and hardware	455.13	472.83	505.12	38.9	39.7	41.0	11.70	11.91	12.32
Fabricated structural metal products	452.89	439.03	432.23	43.8	43.0	42.5	10.34	10.21	10.17
Metal forgings and stampings	611.75	628.09	611.40	42.9	43.8	43.3	14.26	14.34	14.12
Machinery, except electrical	472.47	483.07	471.94	41.3	42.3	42.1	11.44	11.42	11.21
Construction and related machinery	402.62	399.38	394.61	38.9	39.7	39.5	10.35	10.06	9.99
Metalworking machinery	458.70	465.62	439.71	41.7	42.6	41.6	11.00	10.93	10.57
Special industry machinery	456.29	469.37	459.17	41.9	43.5	43.4	10.89	10.79	10.58
General industrial machinery	490.64	502.10	494.49	41.3	42.3	42.3	11.88	11.87	11.69
Office and computing machines	388.64	397.54	356.80	41.7	42.7	39.6	9.32	9.31	9.01
Refrigeration and service machinery	573.75	572.40	592.61	43.4	43.2	45.1	13.22	13.25	13.14
Electric and electronic equipment	452.19	450.58	422.65	41.6	41.3	40.1	10.87	10.91	10.54
Electrical industrial apparatus	449.28	434.68	409.37	41.6	40.7	39.9	10.80	10.68	10.26
Household appliances	468.54	462.26	446.76	41.5	40.8	40.8	11.29	11.33	10.95
Electric lighting and wiring equipment	429.87	462.73	387.66	40.1	41.8	37.6	10.72	11.07	10.31
Communication equipment	462.84	484.86	501.50	40.6	41.3	42.9	11.40	11.74	11.69
Transportation equipment	603.35	616.40	613.20	42.7	43.5	43.8	14.13	14.17	14.00
Motor vehicles and equipment	619.65	645.77	647.03	42.5	43.9	44.5	14.58	14.71	14.54
Aircraft and parts	589.09	565.76	533.41	44.9	44.2	42.1	13.12	12.80	12.67
Instruments and related products	354.92	352.14	342.68	39.7	39.7	39.8	8.94	8.87	8.61
Measuring and controlling devices	348.56	345.73	344.54	38.6	38.5	38.8	9.03	8.98	8.88
Nondurable Goods[f]	436.13	439.71	426.01	41.3	41.6	41.2	10.56	10.57	10.34
Food and kindred products	420.84	417.91	422.94	42.0	41.5	42.0	10.02	10.07	10.07
Meat products	379.31	379.04	380.37	41.5	41.2	41.3	9.14	9.20	9.21
Dairy products	462.77	450.64	450.26	44.2	43.0	44.1	10.47	10.48	10.21
Preserved fruits and vegetables	379.32	384.56	382.40	40.7	40.1	40.0	9.32	9.59	9.56
Bakery products	471.42	456.46	434.67	41.1	39.9	38.5	11.47	11.44	11.29
Beverages	429.32	429.51	419.05	41.4	41.7	42.5	10.37	10.30	9.86
Apparel and other textile products	273.38	267.10	252.45	37.5	37.2	36.8	7.29	7.18	6.86
Paper and allied products	486.41	481.34	459.80	44.3	44.2	43.5	10.98	10.89	10.57
Misc. converted paper products	456.39	452.24	432.83	44.7	44.6	43.5	10.21	10.14	9.95
Paperboard containers and boxes	416.79	412.58	391.46	42.1	42.1	41.6	9.90	9.80	9.41
Printing and publishing	409.64	402.80	395.26	38.5	38.0	38.3	10.64	10.60	10.32
Newspapers	352.24	350.87	330.26	34.0	34.5	33.7	10.36	10.17	9.80
Commercial printing	407.25	390.40	405.96	39.5	38.2	39.8	10.31	10.22	10.20
Chemicals and allied products	502.18	520.67	486.88	41.4	42.4	41.9	12.13	12.28	11.62
Industrial inorganic chemicals	549.20	563.86	541.77	41.2	42.3	41.9	13.33	13.33	12.93
Rubber and misc. plastics products	431.34	443.66	431.15	42.0	43.2	41.9	10.27	10.27	10.29
Tires and inner tubes	637.56	653.80	606.14	46.0	46.7	45.1	13.86	14.00	13.44
Miscellaneous plastics products	412.26	426.43	427.61	41.6	42.9	41.8	9.91	9.94	10.23

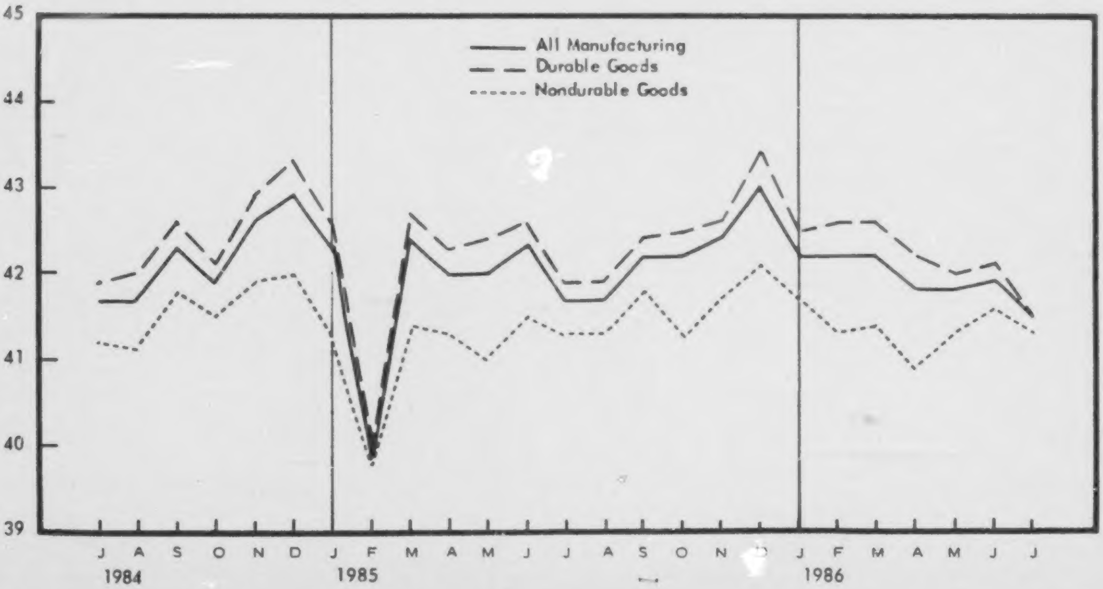
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

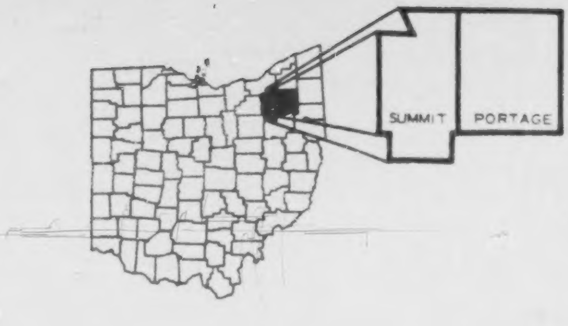
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MINING	$516.22	$514.17	$488.75	43.6	43.5	42.5	$11.84	$11.82	$11.50
Bituminous coal and lignite mining	603.17	607.75	590.92	41.2	41.4	39.5	14.64	14.68	14.96
CONSTRUCTION	563.98	581.10	581.94	37.8	39.0	38.9	14.92	14.90	14.96
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	546.89	537.92	515.81	41.4	41.0	41.1	13.21	13.12	12.55
Communication	543.02	531.95	506.75	41.2	40.7	40.9	13.18	13.07	12.39
Electric, gas, and sanitary services	550.78	543.92	527.40	41.6	41.3	41.3	13.24	13.17	12.77
WHOLESALE TRADE	369.07	367.06	347.70	39.6	39.3	39.2	9.32	9.34	8.87
Wholesale trade-durable goods	363.01	364.98	342.47	39.5	39.5	39.5	9.19	9.24	8.67
Wholesale trade-nondurable goods	378.34	372.23	357.35	39.7	39.1	38.8	9.53	9.52	9.21
RETAIL TRADE[g]	160.78	158.30	160.62	29.5	29.1	29.8	5.45	5.44	5.39
General merchandise stores	186.66	185.13	181.04	30.7	30.3	31.0	6.08	6.11	5.84
Department stores	192.19	190.30	185.36	30.8	30.4	31.1	6.24	6.26	5.96
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	245.48	245.24	233.90	....	....	....	.....	.....	.....
Credit agencies other than banks	244.75	242.77	230.07	....	....	....	.....	.....	.....
Insurance carriers	325.95	323.48	307.55	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	317.86	317.63	310.19	33.6	33.4	34.2	9.46	9.51	9.07

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products, petroleum and coal products, leather and leather products. [g] Money payments only; tips not included. [h] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [i] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



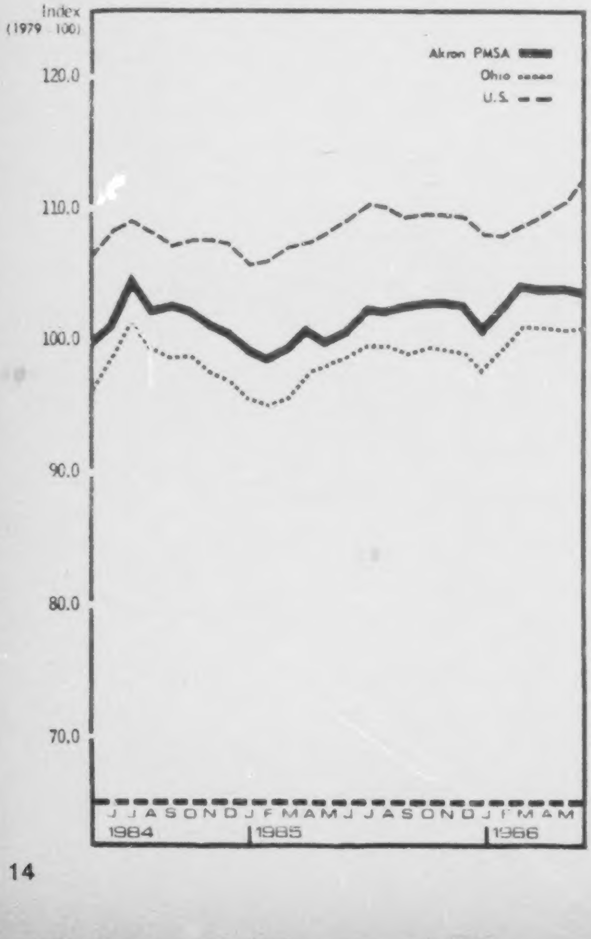
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



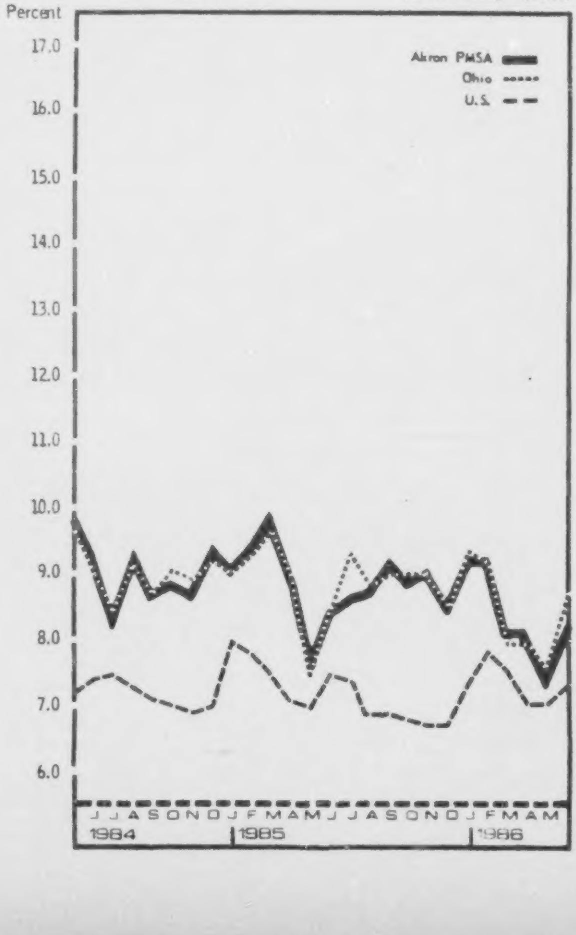
Nonagricultural wage and salary employment in the Akron area totaled 265,500 in July, a decrease of 1,600 from the June level. Employment in manufacturing dropped 900 from June, to 65,600. Losses were recorded in nearly every industry. Nonmanufacturing employment declined 700 over the month as seasonal decreases in state and local government education more than offset the expansion in construction, retail trade, and services. Manufacturing production workers put in a 43.0 hour workweek, down .9 hours from June. They earned an average of $11.14 an hour, slipping $.07 from the previous month.

Nonagricultural employment advanced 8,000 from July 1985. Expansion was recorded in all nonmanufacturing divisions. Services, especially business and amusement and recreation services, retail trade, and construction were the primary growth sectors. Declines in tires and inner tubes, fabricated metal products, and nonelectrical machinery helped reduce manufacturing employment by 2,400.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



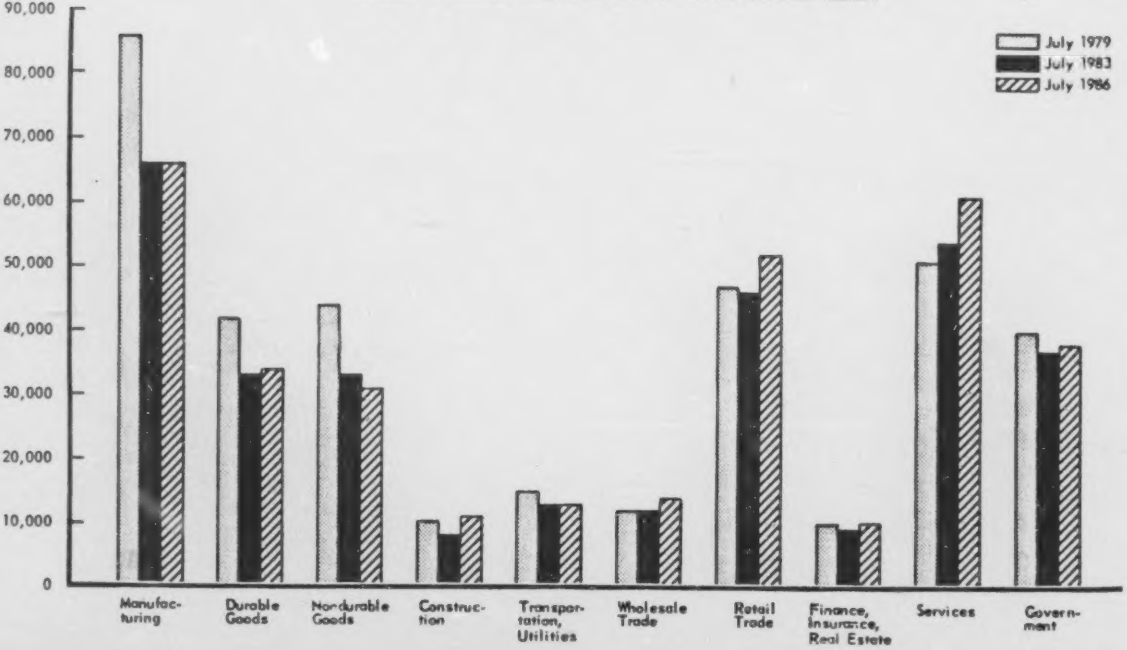
Akron PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
314.5	288.0	26.5	8.4	June	257.3	68.7	37.7	481.55	43.5	11.07
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.7	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
323.2	297.2	26.0	8.1	April	264.6	66.5	36.1	476.87	43.0	11.09
321.2	297.7	23.5	7.3	May	268.9	66.4	36.0	475.58	43.0	11.06
322.3	296.0	26.3	8.2	June	267.1	66.5	36.1	492.12	43.9	11.21
INA	INA	INA	INA	July	265.5	65.6	35.2	479.02	43.0	11.14

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Akron PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	265.5	267.1	257.6	- 1.6	8.0
MANUFACTURING	65.6	66.5	68.1	- .9	- 2.4
Durable Goods[e]	34.2	34.8	35.3	- .6	- 1.1
Fabricated metal products	12.2	12.3	12.9	- .2	- .7
Machinery, except electrical	9.0	9.3	9.5	- .2	- .4
Metalworking machinery	3.0	3.0	3.1	- .1	- .2
Nondurable Goods[f]	31.4	31.8	32.7	- .3	- 1.3
Food and kindred products	2.6	2.7	2.8	.0	- .2
Chemicals and allied products	2.7	2.7	2.7	.1	.0
Rubber and misc. plastics products	20.8	21.1	21.9	- .2	- 1.0
Tires and inner tubes	14.2	14.2	15.1	.0	- 1.0
NONMANUFACTURING[g]	199.9	200.6	189.5	- .7	10.4
CONSTRUCTION	10.6	10.2	9.3	.4	1.3
TRANSPORTATION AND PUBLIC UTILITIES	13.3	13.2	12.8	.1	.5
Communication, electric, gas services	5.3	5.2	5.3	.1	.0
WHOLESALE TRADE	14.2	14.1	13.6	.1	.6
RETAIL TRADE	52.2	52.0	49.2	.2	3.0
General merchandise stores	6.7	6.6	6.6	.1	.1
FINANCE, INSURANCE, AND REAL ESTATE	10.3	10.2	9.7	.0	.6
Banking	3.3	3.3	3.1	.0	.3
SERVICES	60.6	60.4	56.8	.2	3.8
Business services	12.1	11.7	10.6	.3	1.5
Amusement and recreation services	5.5	5.1	4.4	.4	1.2
Health services	17.4	17.3	17.7	.0	- .3
GOVERNMENT	38.1	39.8	37.3	- 1.7	.8
State government	10.6	11.0	10.4	- .4	.2
State government education[h]	7.5	7.9	7.4	- .4	.1
State government, except education	3.1	3.1	3.0	.0	.1
Local government	25.1	26.4	24.7	- 1.3	.4
Local government education	12.4	13.8	11.9	- 1.5	.4
Local government, except education	12.7	12.6	12.7	.1	.0

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$479.02	$492.12	$468.17	43.0	43.9	42.6	$11.14	$11.21	$10.99
Durable Goods[e]	488.25	509.53	487.49	43.4	44.5	42.8	11.25	11.45	11.39
Fabricated metal products	590.08	655.14	605.14	44.4	47.2	44.3	13.29	13.84	13.66
Machinery, except electrical	438.00	449.29	415.15	43.8	45.2	43.2	10.00	9.94	9.61
Metalworking machinery	467.47	472.26	406.60	46.7	47.8	42.8	10.01	3.88	9.50
Nondurable Goods[f]	466.23	464.18	439.69	42.5	42.9	42.4	10.97	10.82	10.37
Food and kindred products	457.45	451.14	476.95	41.7	41.2	44.7	10.97	10.95	10.67
Chemicals and allied products	428.61	441.57	424.40	39.0	40.4	40.0	10.99	10.93	10.61
Rubber and misc. plastics products	501.78	509.40	476.75	43.9	45.2	43.9	11.43	11.27	10.86
Tires and inner tubes	738.98	738.02	672.59	50.1	49.9	47.6	14.75	14.79	14.13
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	557.66	546.72	529.78	41.4	41.2	41.1	13.47	13.27	12.89
WHOLESALE TRADE	[illegible]4	326.87	335.23	38.5	38.5	39.3	8.44	8.49	8.53
RETAIL TRADE[h]	192.78	191.54	186.66	31.5	31.4	30.5	6.12	6.10	6.12

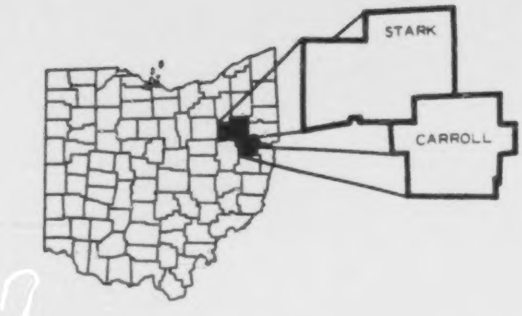
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries; electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products, apparel and other textile products, paper and allied products; printing and publishing, petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments [illegible] tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed [illegible] to labor-management disputes.

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	3,106	3,516
Active File of Job Seekers	INA	23,247	18,609
Referrals to Jobs	INA	2,068	2,056
Placements	INA	281	1,862
Job Openings Received	INA	505	1,626
Job Openings Unfilled	INA	1,782	1,540
Unemployment Insurance Program			
Initial Claims	3,515	2,932	4,401
Continued Claims	32,923	27,950	29,732
First Payments	1,208	1,094	1,457
Last Payments	510	530	479
Weeks Compensated	20,985	19,107	20,881
Benefits Paid	$2,946,050	$2,708,635	$2,883,051
Average Weekly Payment	$144.07	$145.68	$142.70

INA-Information not available, currently.

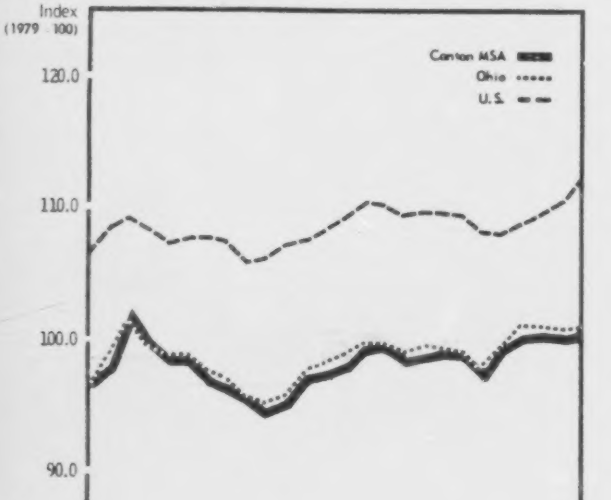
CANTON
METROPOLITAN STATISTICAL AREA



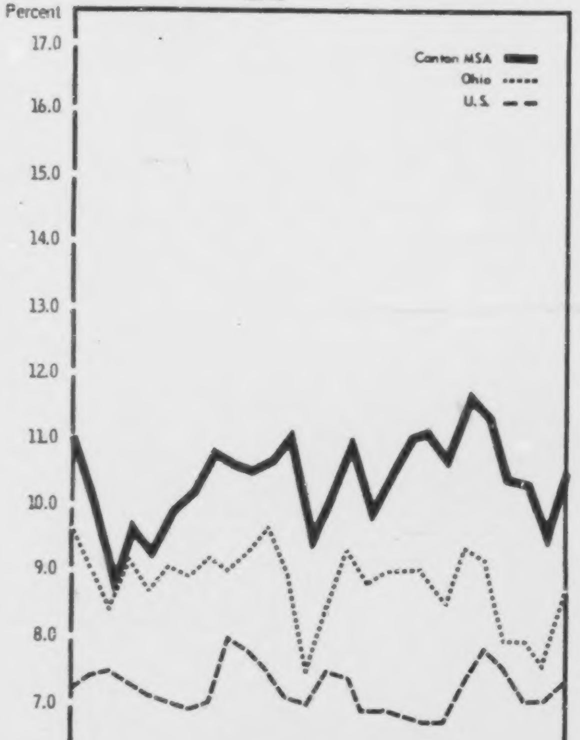
Nonagricultural wage and salary employment in the Canton metropolitan area totaled 157,600 in July, down 600 from the June figure. Employment in nonmanufacturing remained virtually unchanged. Scattered gains in nonmanufacturing, for the most part, offset the seasonal layoffs of nonteaching personnel in local schools. Manufacturing employment declined 500 from June, to 45,000 in July. Scattered decreases in durable goods accounted for the loss. Production workers averaged a 40.0 hour workweek, up fractionally from June. Their average hourly earnings were $11.18, down $.02 from last month.

Nonfarm employment increased by 4,600 from July 1985. Growth took place in nearly all of the nonmanufacturing divisions. Sizable advances occurred in construction, retail trade, and services. Losses in fabricated metal products, metal forgings and stampings, and rubber and miscellaneous plastics products helped reduce manufacturing employment by 1,600 over the year.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



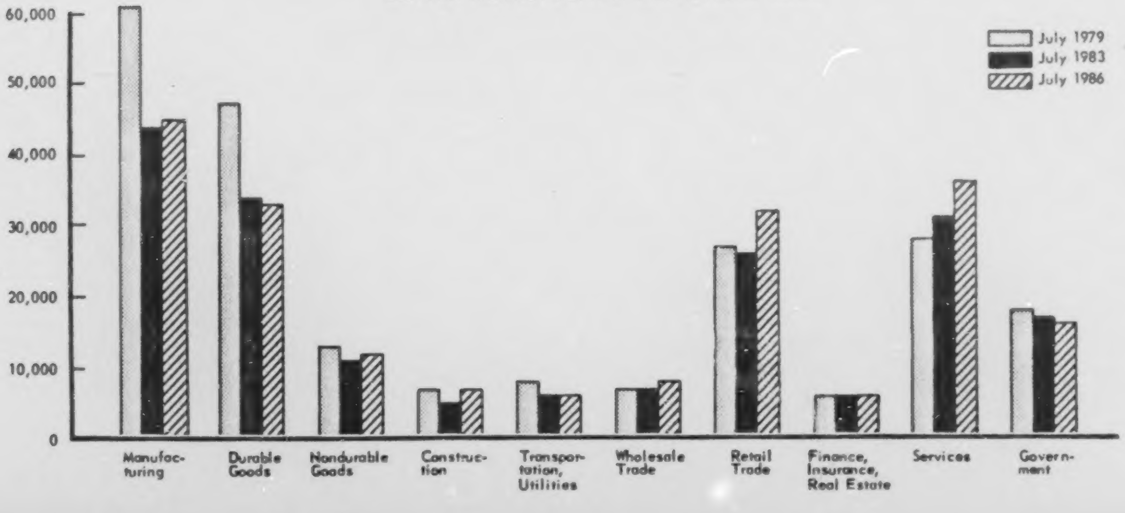
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	155.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
189.4	170.3	19.1	10.1	June	153.3	46.7	34.3	434.72	39.7	10.95
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.3	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.4	174.1	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
194.4	174.4	19.9	10.3	April	156.0	45.6	32.6	442.89	39.9	11.10
191.8	173.8	18.1	9.4	May	157.6	45.5	32.5	444.09	39.9	11.13
194.6	174.2	20.4	10.5	June	158.2	45.4	32.5	446.88	39.9	11.20
INA	INA	INA	INA	July	157.6	45.0	32.0	447.20	40.0	11.18

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Canton MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	157.6	158.2	153.0	- .6	4.6
MANUFACTURING	45.0	45.4	46.4	- .5	- 1.4
Durable Goods[e]	33.2	33.8	34.8	- .6	- 1.6
Primary metal industries	11.2	11.2	11.1	.0	.1
Fabricated metal products	6.8	6.9	7.4	- .2	- .6
Metal forgings and stampings	2.4	2.5	2.9	- .1	- .5
Nondurable Goods[f]	11.8	11.6	11.7	.1	.1
Food and kindred products	4.4	4.3	4.2	.1	.2
Rubber and misc. plastics products	2.6	2.6	2.9	.0	- .3
NONMANUFACTURING[g]	112.6	112.7	106.6	- .1	6.0
CONSTRUCTION	6.7	6.4	6.0	.3	.7
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.1	6.0	.1	.2
Communication, electric, gas services	2.7	2.7	2.8	.0	- .1
WHOLESALE TRADE	8.1	7.9	8.0	.1	.1
Wholesale trade-durable goods	4.4	4.4	4.5	.1	.0
RETAIL TRADE	32.0	31.9	29.1	.1	2.9
General merchandise stores	3.9	3.9	3.6	.0	.3
Food stores	5.4	5.4	5.0	.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.2	6.2	.0	.0
Banking	1.8	1.8	1.9	.0	.0
SERVICES	35.8	35.8	33.4	.0	2.4
Health services	14.2	14.0	14.0	.2	.2
GOVERNMENT	16.3	17.2	16.7	- .8	- .3
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	13.3	14.1	13.8	- .8	- .4
Local government education	7.3	8.0	7.6	- .7	- .3
Local government, except education	6.0	6.1	6.2	- .1	- .1

Canton MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1985[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$447.20	$446.88	$431.34	40.0	39.9	39.5	$11.18	$11.20	$10.92
Durable Goods[e]	465.16	466.76	440.89	40.1	40.1	39.4	11.60	11.64	11.19
Primary metal industries	470.12	480.44	467.59	37.4	38.1	37.8	12.57	12.61	12.37
Fabricated metal products	497.63	530.13	459.59	41.4	43.1	40.6	12.02	12.30	11.32
Metal forgings and stampings	606.62	682.25	544.39	39.7	43.4	38.5	15.28	15.72	14.14
Nondurable Goods[f]	395.61	382.59	399.59	39.8	39.0	39.8	9.94	9.81	10.04
Food and kindred products	422.65	414.74	426.92	40.1	39.2	40.2	10.54	10.58	10.62
Rubber and misc. plastics products	434.89	427.61	437.41	42.1	41.8	41.5	10.33	10.23	10.54
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	516.94	514.70	510.47	40.8	40.4	41.2	12.67	12.74	12.39
WHOLESALE TRADE	338.42	340.29	327.37	35.4	35.3	35.7	9.56	9.64	9.17
RETAIL TRADE[h]	158.26	157.88	161.10	29.2	29.4	30.0	5.42	5.37	5.37

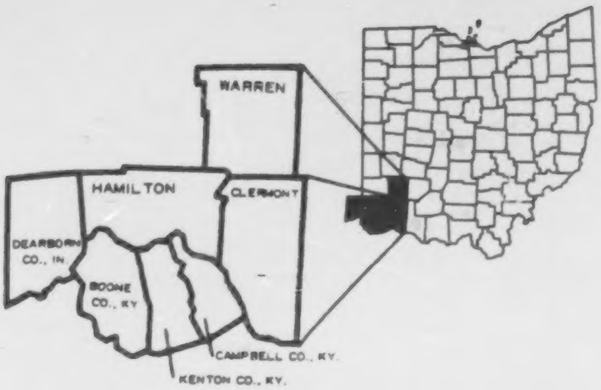
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	2,115	2,755
Active File of Job Seekers	INA	19,995	16,618
Referrals to Jobs	INA	1,687	1,636
Placements	INA	449	582
Job Openings Received	INA	740	1,140
Job Openings Unfilled	INA	472	785
Unemployment Insurance Program			
Initial Claims	3,346	2,292	4,223
Continued Claims	23,532	20,407	24,417
First Payments	910	895	898
Last Payments	418	496	452
Weeks Compensated	17,255	17,593	16,055
Benefits Paid	$2,330,774	$2,466,017	$2,201,234
Average Weekly Payment	$139.05	$142.77	$141.20

INA-Information not available, currently.

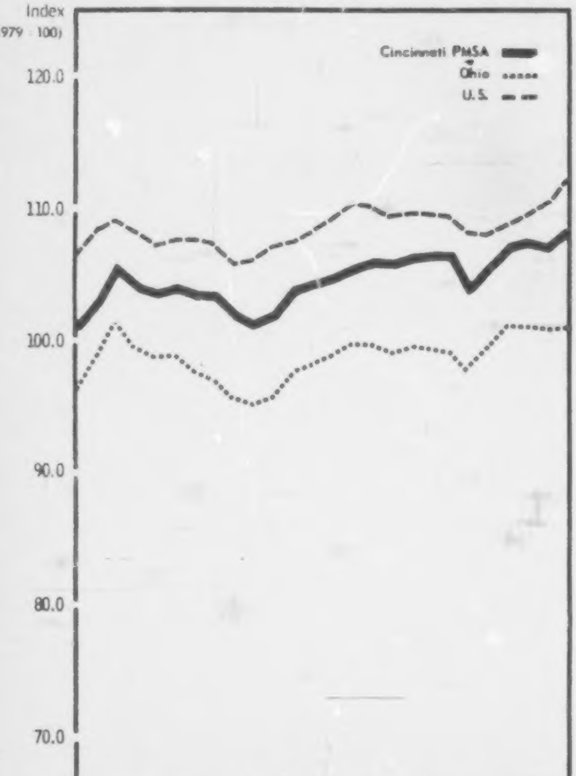
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



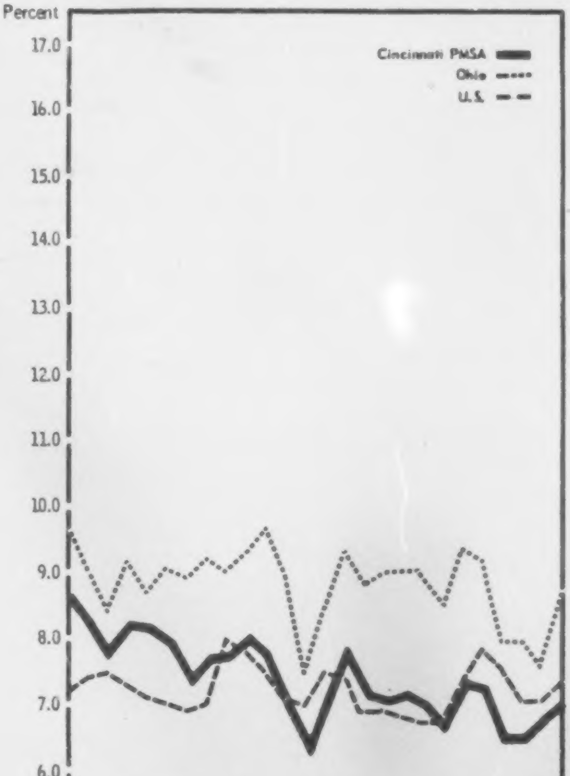
Nonagricultural wage and salary employment in the Cincinnati area totaled 655,900, down 1,800 from the June level. Manufacturing employment remained constant at 148,100; nonmanufacturing dropped 1,800 to 507,800. Growth in construction, retail trade, and transportation and public utilities was overshadowed by the sharp drop in nonfaculty employment in state and local schools and colleges. Manufacturing production workers earned an average of $10.68 per hour, up $.04. The average workweek was up slightly to 41.8 hours.

Nonfarm employment rose 25,300 from July 1985 to July 1986. Expansion was recorded in most nonmanufacturing divisions, with greatest expansion in retail trade and services, especially business services. Manufacturing employment rose 600, with growth in transportation equipment and chemicals and allied products.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



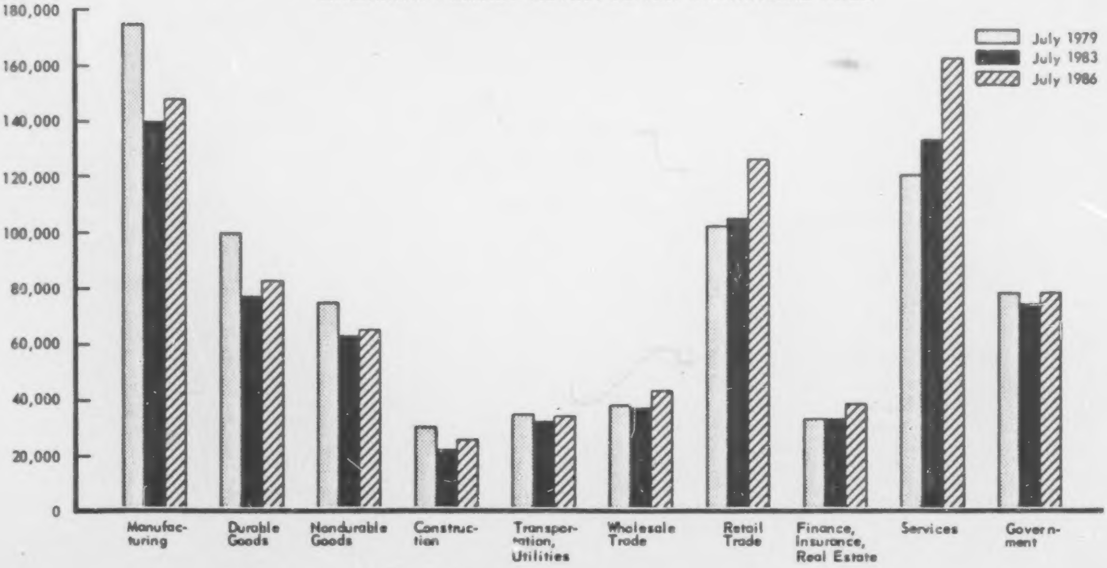
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$ 211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.2	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
708.7	658.2	50.6	7.1	June	632.0	147.3	97.3	434.43	41.1	10.57
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
715.7	663.9	51.8	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
718.6	672.5	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
720.1	674.1	46.0	6.4	April	648.6	146.7	94.3	441.74	41.4	10.67
720.3	671.9	48.4	6.7	May	652.4	144.5	91.9	444.56	41.9	10.61
731.2	680.3	50.9	7.0	June	657.6	148.1	95.3	443.69	41.7	10.64
INA	INA	INA	INA	July	655.9	148.1	95.0	446.42	41.8	10.68

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	655.9	657.6	630.6	- 1.8	25.3
MANUFACTURING	148.1	148.1	147.5	.0	.6
Durable Goods[e]	83.3	83.1	83.2	.3	.1
Fabricated metal products	10.6	10.6	10.9	- .1	- .3
Fabricated structural metal products	3.7	3.7	4.0	.0	- .3
Machinery, except electrical	21.1	21.3	21.6	- .2	- .5
Metalworking machinery	9.0	9.2	9.6	- .2	- .6
General industrial machinery	2.9	2.9	2.9	.0	.0
Electric and electronic equipment	7.6	7.6	7.7	.0	- .2
Transportation equipment	28.9	28.6	28.2	.3	.7
Motor vehicles and equipment	8.7	8.7	10.0	.0	- 1.3
Nondurable Goods[f]	64.8	65.0	64.3	- .2	.5
Food and kindred products	12.8	12.8	12.8	.0	.0
Beverages	4.2	4.1	4.2	.1	.0
Apparel and other textile products	3.3	3.3	3.5	- .1	- .3
Paper and allied products	6.1	6.0	6.1	.2	.1
Printing and publishing	12.3	12.3	12.5	.0	- .2
Commercial printing	5.4	5.3	5.5	.1	.0
Chemicals and allied products	22.0	21.9	21.3	.1	.7
Rubber and misc. plastics products	5.5	5.7	5.2	- .2	.3
NONMANUFACTURING[g]	507.8	509.6	483.1	- 1.8	24.7
CONSTRUCTION	26.2	25.3	24.9	.9	1.3
TRANSPORTATION AND PUBLIC UTILITIES	34.3	33.6	33.8	.6	.4
Trucking and warehousing	10.4	10.2	9.8	.2	.7
Communication, electric, gas services	14.6	14.1[j]	14.9	.6	- .3
WHOLESALE TRADE	43.2	42.9	41.3	.3	1.9
Wholesale trade-durable goods	25.7	25.5	24.6	.2	1.1
RETAIL TRADE	126.1	125.5	118.8	.6	7.4
General merchandise stores	20.1	20.0	18.6	.1	1.5
FINANCE, INSURANCE, AND REAL ESTATE	38.0	37.7	35.9	.3	2.2
Banking	8.4	8.3	8.0	.1	.3
Insurance carriers	11.9	11.8	11.5	.1	.4
SERVICES	161.6	161.1	151.6	.5	10.0
Hotels and other lodging places	7.0	7.0	6.4	.1	.7
Personal services	8.2	8.3	7.5	- .1	.7
Business services	38.0	37.6	33.1	.4	4.9
Amusement and recreation services	10.8	10.2	10.7	.6	.1
Health services	47.8	47.2	46.9	.5	.9
GOVERNMENT	77.9	82.9	76.4	- 4.9	1.5
Federal government	12.9	13.0	12.9	- .2	.0
State government	17.5	18.9	16.7	- 1.4	.8
State government education	9.6	11.1	9.2	- 1.4	.4
State government, except education	7.9	7.8	7.5	.1	.4
Local government	47.6	51.0	46.9	- 3.4	.7
Local government education	24.8	28.4	24.7	- 3.6	.2
Local government, except education	22.7	22.6	22.2	.1	.5

Cincinnati PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$446.42	$443.69	$428.22	41.8	41.7	40.9	$10.68	$10.64	$10.47
Durable Goods[e]	448.69	448.14	418.54	41.7	42.0	40.4	10.76	10.67	10.36
Fabricated metal products	411.41	388.22	398.79	42.9	41.3	42.2	9.59	9.40	9.45
Fabricated structural metal products	476.04	416.09	428.54	46.9	42.2	44.5	10.15	9.86	9.63
Machinery, except electrical	410.44	412.86	388.33	41.5	42.0	40.2	9.89	9.83	9.66
Metalworking machinery	448.54	441.25	418.15	41.0	41.2	39.9	10.94	10.71	10.48
General industrial machinery	379.36	382.72	363.63	40.4	41.6	39.1	9.39	9.20	9.30
Electric and electronic equipment	351.42	364.42	342.28	40.3	41.6	39.8	8.72	8.76	8.60
Transportation equipment	620.86	623.22	568.26	43.6	44.2	41.6	14.24	14.10	13.66
Motor vehicles and equipment	606.84	675.38	594.81	40.7	44.2	41.8	14.91	15.28	14.23
Nondurable Goods[f]	443.72	439.25	439.49	41.9	41.4	41.5	10.59	10.61	10.59
Food and kindred products	481.58	458.11	513.97	43.9	42.3	43.3	10.97	10.83	11.87
Beverages	514.00	506.66	500.49	42.2	41.7	42.2	12.18	12.15	11.86
Apparel and other textile products	206.55	204.01	202.40	36.3	36.3	36.6	5.69	5.62	5.53
Paper and allied products	405.96	396.37	381.23	40.8	40.2	40.6	9.95	9.86	9.39
Printing and publishing	447.08	429.66	427.05	39.6	38.5	39.8	11.29	11.16	10.73
Commercial printing	494.42	463.70	489.72	41.9	39.7	42.0	11.80	11.68	11.66
Chemicals and allied products	509.29	520.57	504.90	42.3	42.6	41.9	12.04	12.22	12.05
Rubber and misc. plastics products	419.03	420.80	397.63	46.2	46.6	45.6	9.07	9.03	8.72
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	527.53	515.20	496.25	40.3	39.6	39.7	13.09	13.01	12.50
WHOLESALE TRADE	399.00	385.70	372.81	42.0	40.6	40.7	9.50	9.50	9.16
RETAIL TRADE[h]	164.24	164.50	165.01	29.7	29.8	30.5	5.53	5.52	5.41
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	253.97	222.48	237.32	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products; primary metal industries, instruments and related products; miscellaneous manufacturing [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products [g]Includes mining [h]Money payments only, tips not included [i]Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education [j]Depressed due to labor-management disputes

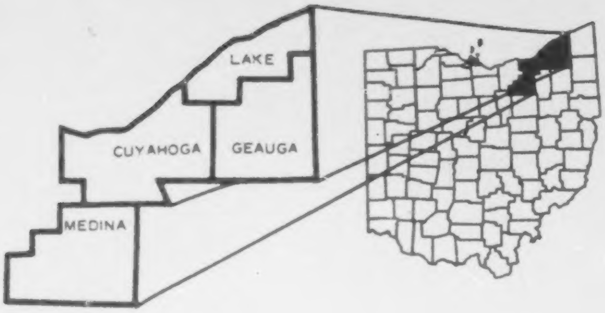
Selected Administrative Program Activities[a]

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	3,876	5,763
Active File of Job Seekers	INA	28,777	22,706
Referrals to Jobs	INA	2,133	2,434
Placements	INA	579	777
Job Openings Received	INA	1,160	1,332
Job Openings Unfilled	INA	1,844	3,088
Unemployment Insurance Program			
Initial Claims	5,184	4,540	7,195
Continued Claims	44,698	39,397	44,106
First Payments	2,007	1,726	2,167
Last Payments	911	853	919
Weeks Compensated	33,595	31,863	33,380
Benefits Paid	$4,751,523	$4,629,559	$4,611,758
Average Weekly Payment	$143.98	$148.03	$140.98

INA-Information not available, currently.

[a]Ohio data only

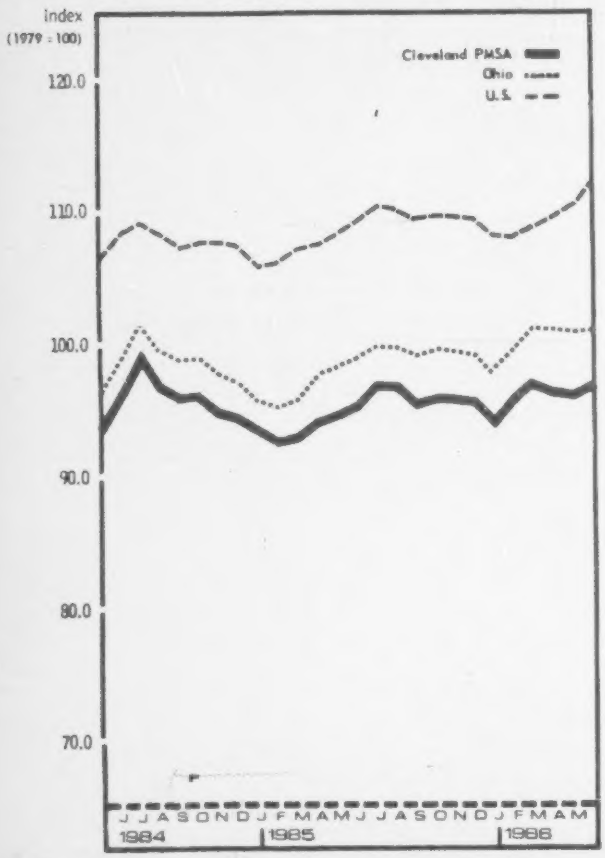
CLEVELAND
PRIMARY METROPOLITAN STATISTICAL AREA



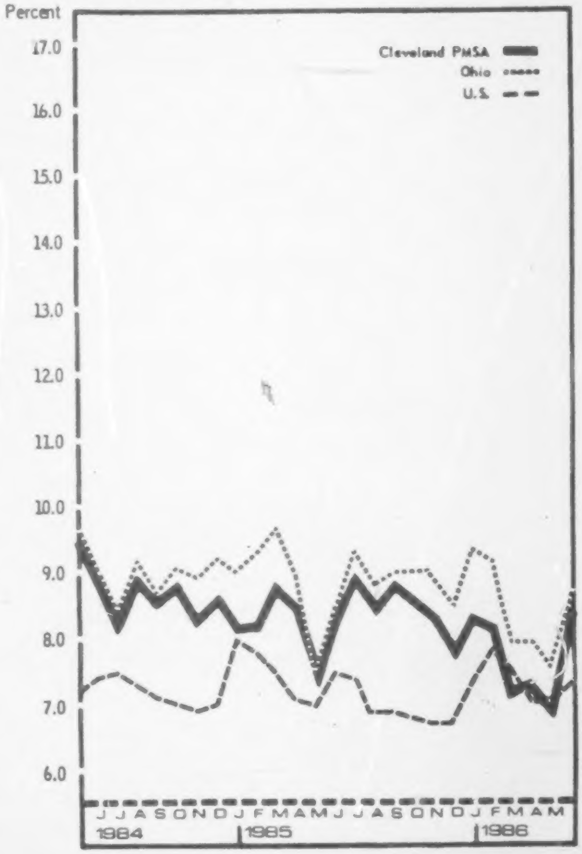
In the Cleveland area, nonagricultural wage and salary employment declined 2,200 from the June level, to 894,400. Manufacturing employment dropped by 1,900 due primarily to declines in motor vehicles and equipment, rubber and plastics products, and metal forgings and stampings. Nonmanufacturing lost 300 jobs as gains in construction and local government, except education, were unable to offset the seasonal reductions in nonteaching staffs in private and state and local schools and colleges. Manufacturing production workers earned an average of $11.25 per hour, down $.16. Their average workweek decreased 1.2 hours, to 40.9 hours.

Since July 1985, nonfarm wage and salary employment increased 15,500. Growth in retail trade and services contributed most to this gain, although scattered increases were recorded in most nonmanufacturing industries. Manufacturing employment decreased by 6,800. Significant reductions were noted in metalworking machinery, motor vehicles and equipment, and chemicals and allied products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



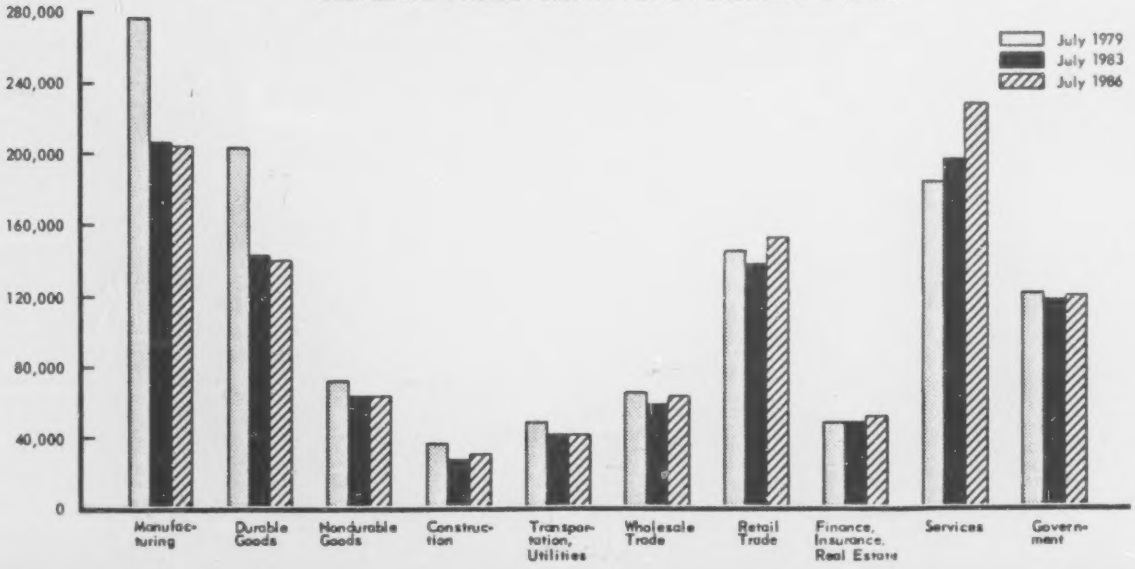
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.9	402.39	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
926.3	849.3	77.1	8.3	June	876.8	212.3	136.0	472.22	42.2	11.19
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
931.6	865.3	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
926.7	859.2	67.5	7.3	April	880.6	205.7	132.6	479.76	41.9	11.45
918.2	855.9	62.3	6.8	May	890.3	205.8	132.7	472.69	41.5	11.39
939.1	860.5	78.5	8.4	June	896.6	205.8	132.3	480.36	42.1	11.41
INA	INA	INA	INA	July	894.4	203.9	130.1	460.13	40.9	11.25

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cleveland PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	894.4	896.6	878.9	- 2.2	15.5
MANUFACTURING	203.9	205.8	210.7	- 1.9	- 6.8
Durable Goods[e]	139.8	141.5	145.8	- 1.7	- 6.1
Primary metal industries	21.6	22.0	22.3	- .4	- .7
Blast furnace and basic steel products	10.2	10.3	10.4	- .1	- .2
Iron and steel foundries	5.3	5.3	5.5	.0	- .3
Fabricated metal products	31.7	32.4	32.9	- .7	- 1.2
Fabricated structural metal products	3.9	4.0	3.9	- .1	.0
Screw machine products, bolts, etc.	4.6	4.7	4.7	- .1	- .1
Metal forgings and stampings	10.1	10.5	10.6	- .4	- .5
Machinery, except electrical	31.1	31.0	33.1	.0	- 2.0
Construction and related machinery	3.0	2.9	3.5	.1	- .5
Metalworking machinery	9.8	9.8	10.6	.0	- .8
Special industry machinery	3.3	3.2	3.7	.1	- .4
General industrial machinery	2.9	2.9	3.0	.0	- .1
Electric and electronic equipment	19.0	19.0	19.8	.0	- .9
Electrical industrial apparatus	6.8	6.9	7.0	- .1	- .2
Transportation equipment	19.1	19.7	19.9	- .6	- .8
Motor vehicles and equipment	12.0	12.6	12.7	- .6	- .6
Instruments and related products	7.5	7.4	8.0	.1	- .5
Measuring and controlling devices	4.2	4.3	4.2	.0	.0
Nondurable Goods[f]	64.1	64.3	64.9	- .3	- .8
Food and kindred products	7.2	7.2	7.0	.0	.2
Apparel and other textile products	4.5	4.5	4.8	- .1	- .3
Paper and allied products	5.2	5.2	5.3	.0	- .1
Printing and publishing	15.6	15.5	15.9	.1	- .3
Chemicals and allied products	13.8	13.8	14.2	.0	- .4
Rubber and misc. plastics products	11.5	12.0	11.6	- .5	.0
NONMANUFACTURING[g]	690.5	690.8	668.3	- .3	22.3
CONSTRUCTION	31.2	30.3	29.6	.8	1.6
TRANSPORTATION AND PUBLIC UTILITIES	42.1	41.9	41.5	.2	.6
Trucking and warehousing	11.6	11.7	10.9	- .1	.7
Communication, electric, gas services	18.4	18.0	18.7	.4	- .2
WHOLESALE TRADE	64.3	64.6	63.2	- .3	1.1
Wholesale trade-durable goods	44.7	44.9	44.2	- .2	.5
RETAIL TRADE	151.7	151.8	146.9	- .1	4.8
General merchandise stores	19.7	19.7	19.9	.1	- .2
FINANCE, INSURANCE, AND REAL ESTATE	52.3	52.0	50.1	.3	2.2
Banking	13.4	13.3	13.0	.1	.4
Credit agencies other than banks	8.5	8.3	8.1	.2	.4
Insurance carriers	12.1	11.9	11.7	.2	.3
SERVICES	228.4	230.4	216.0	- 2.0	12.4
Business services	51.0	51.4	45.7	- .4	5.3
Amusement and recreation services	9.1	8.8	9.4	.4	- .3
Health services	70.4	69.9	67.7	.5	2.7
GOVERNMENT	119.5	118.7	119.8	.8	- .3
Federal government	19.8	19.9	19.8	.0	.0
State government	7.9	8.3	7.7	- .4	.2
State government education[h]	2.5	3.0	2.5	- .5	.0
State government, except education	5.4	5.3	5.2	.1	.2
Local government	91.7	90.5	92.3	1.2	- .5
Local government education	43.0	44.0	42.8	- 1.0	.2
Local government, except education	48.7	46.5	49.4	2.2	- .7

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$460.13	$480.36	$452.76	40.9	42.1	40.9	$11.25	$11.41	$11.07
Durable Goods[e]	483.80	510.07	480.39	41.0	42.4	41.2	11.80	12.03	11.66
Primary metal industries	542.84	569.14	518.99	41.0	42.6	39.8	13.24	13.36	13.04
Blast furnace and basic steel products	524.10	549.25	505.42	38.2	39.6	37.0	13.72	13.87	13.66
Iron and steel foundries	677.81	747.12	664.35	43.2	46.9	43.0	15.69	15.93	15.45
Fabricated metal products	465.44	498.10	468.86	40.9	42.5	41.9	11.38	11.72	11.19
Fabricated structural metal products	377.17	376.69	376.07	40.6	40.9	41.1	9.29	9.21	9.15
Screw machine products, bolts, etc.	428.16	431.28	395.24	42.1	42.2	41.3	10.17	10.22	9.57
Metal forgings and stampings	604.92	669.31	602.25	42.6	45.5	43.8	14.20	14.71	13.75
Machinery, except electrical	444.44	467.15	458.89	40.7	42.2	42.1	10.92	11.07	10.90
Construction and related machinery	430.68	449.74	390.04	44.4	45.2	39.8	9.70	9.95	9.80
Metalworking machinery	408.43	405.21	387.30	40.2	40.4	39.4	10.16	10.03	9.83
Special industry machinery	468.86	453.56	495.79	39.6	38.7	43.0	11.84	11.72	11.53
General industrial machinery	476.92	473.68	443.07	44.2	43.9	43.1	10.79	10.79	10.28
Electric and electronic equipment	415.54	411.29	384.92	39.5	39.7	38.3	10.52	10.36	10.05
Electrical industrial apparatus	432.73	431.61	409.86	39.7	40.3	39.6	10.90	10.71	10.35
Transportation equipment	642.40	702.56	651.84	44.0	46.9	44.8	14.60	14.98	14.55
Motor vehicles and equipment	657.28	739.00	694.80	43.1	47.1	45.0	15.25	15.69	15.44
Instruments and related products	382.57	384.07	392.81	39.4	39.8	41.7	9.71	9.65	9.42
Measuring and controlling devices	371.50	377.78	396.61	38.9	39.6	42.6	9.55	9.54	9.31
Nondurable Goods[f]	400.55	405.00	381.20	40.5	41.2	40.0	9.89	9.83	9.53
Food and kindred products	396.83	384.79	371.97	42.9	42.1	40.3	9.25	9.14	9.23
Apparel and other textile products	310.85	293.38	268.13	39.1	38.2	37.5	7.95	7.68	7.15
Paper and allied products	454.75	456.03	426.78	42.5	42.9	41.8	10.70	10.63	10.21
Printing and publishing	401.72	408.43	381.55	37.3	38.1	36.9	10.77	10.72	10.34
Chemicals and allied products	473.52	480.36	472.69	41.5	42.1	42.7	11.41	11.41	11.07
Rubber and misc. plastics products	353.91	375.41	350.06	41.2	43.3	40.8	8.59	8.67	8.58
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	569.62	570.68	542.46	41.7	41.9	41.6	13.66	13.62	13.04
WHOLESALE TRADE	390.17	384.15	368.15	40.1	39.4	39.8	9.73	9.75	9.25
RETAIL TRADE[h]	179.18	180.34	180.16	28.9	28.9	29.2	6.20	6.24	6.17
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	291.57	290.77	269.55	....	....	....	.....	.....	.....

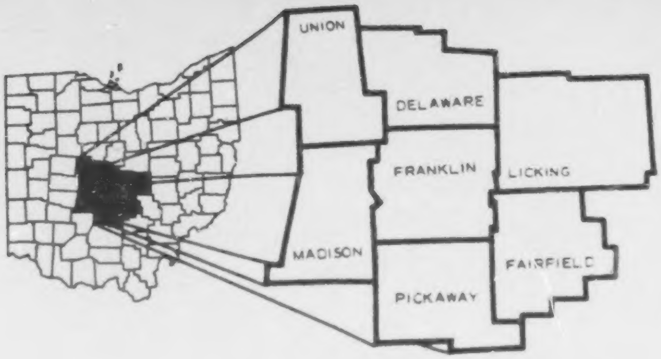
[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, stone, clay, and glass products, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	9,160	10,558
Active File of Job Seekers	INA	112,814	87,899
Referrals to Jobs	INA	3,607	2,484
Placements	INA	1,082	810
Job Openings Received	INA	2,188	1,830
Job Openings Unfilled	INA	3,253	2,802
Unemployment Insurance Program			
Initial Claims	9,297	8,959	10,381
Continued Claims	80,701	69,737	89,011
First Payments	3,884	3,470	4,127
Last Payments	1,494	1,358	1,787
Weeks Compensated	61,802	54,707	63,357
Benefits Paid	$9,205,276	$8,107,849	$9,176,415
Average Weekly Payment	$151.26	$151.07	$147.19

INA-Information not available, currently.

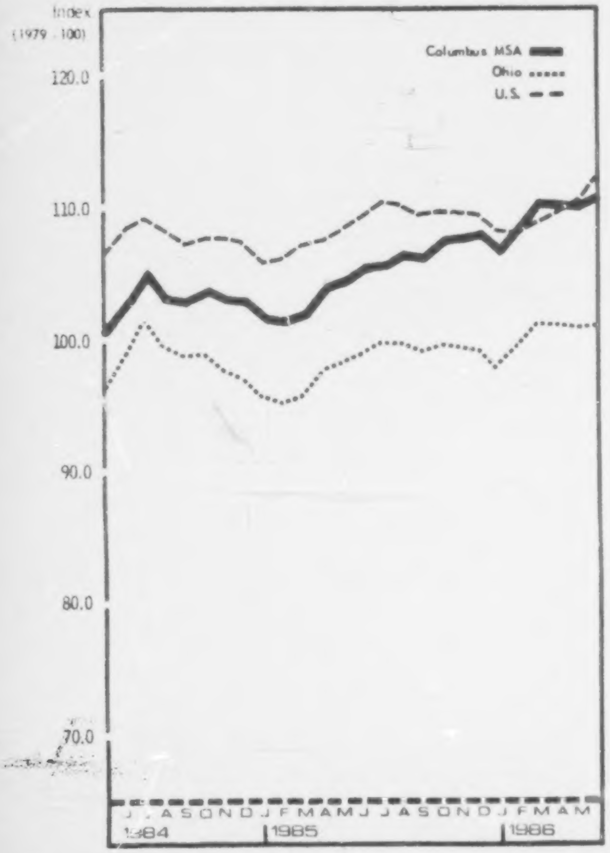
COLUMBUS
METROPOLITAN
STATISTICAL
AREA



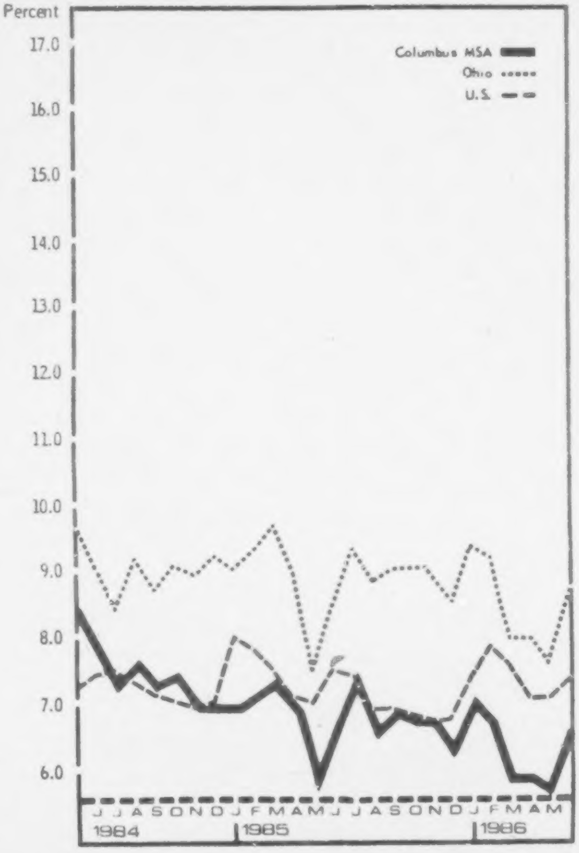
Nonfarm wage and salary employment in Columbus decreased 6,000 from June 1986 to 640,800 in July. Nonmanufacturing employment dropped 5,800, despite growth in the construction and service sectors and the return of workers in the communication, electric and gas services industry following the settlement of a labor-management dispute in June. The loss was due to seasonal layoffs of nonteaching personnel in state and local schools and colleges. Manufacturing employment declined 300, with scattered losses among producers of durable goods. Manufacturing production workers earned an average of $11.22 per hour, little changed over the month. The average workweek dropped slightly, to 40.9 hours.

Nonagricultural employment advanced 38,200 between July 1985 and July 1986, due to continued growth in most nonmanufacturing sectors. Significant gains were reported in services and retail trade. Construction, government, and finance, insurance, and real estate also showed improvements over the year. Manufacturing employment declined 700, with scattered losses in durable goods.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



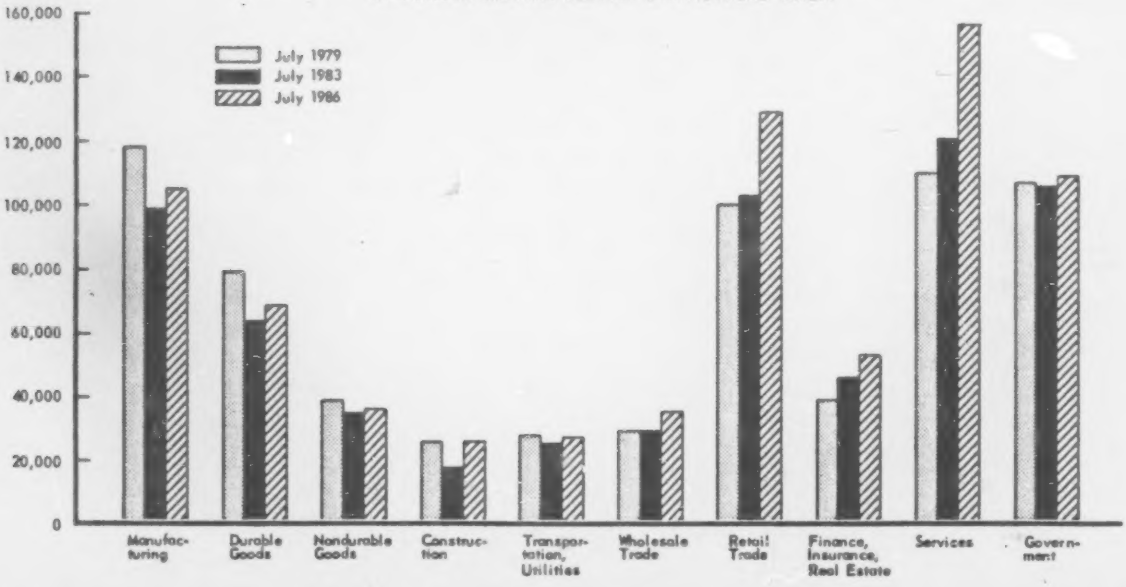
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1976	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
651.6	608.7	42.9	6.6	June	610.1	105.9	70.7	442.65	41.1	10.77
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	6.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.3	615.1	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.5	627.0	44.5	6.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.4	637.2	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
675.6	636.5	39.1	5.8	April	635.1	105.7	70.6	462.44	41.4	11.17
672.6	634.8	37.8	5.6	May	642.0	105.3	70.0	461.44	41.2	11.20
683.1	638.8	44.3	6.5	June	646.8	105.0	69.7	460.43	41.0	11.23
INA	INA	INA	INA	July	640.8	104.7	69.4	458.90	40.9	11.22

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	640.8	646.8	602.6	- 6.0	38.2
MANUFACTURING	104.7	105.0	105.4	- .3	- .7
Durable Goods[e]	69.1	69.3	69.7	- .2	- .6
Stone, clay, and glass products	11.4	11.9	11.4	- .4	.0
Glass and glassware, pressed or blown	4.0	4.5	4.3	- .4	- .3
Fabricated metal products	9.2	9.2	10.4	.0	- 1.2
Fabricated structural metal products	3.1	3.0	3.2	.0	- .1
Machinery, except electrical	9.7	9.6	10.3	.1	- .7
Electric and electronic equipment	10.5	10.5	11.5	- .1	- 1.0
Transportation equipment	16.7	16.5	14.6	.2	2.2
Instruments and related products	4.3	4.4	4.2	- .1	.1
Nondurable Goods[f]	35.7	35.7	35.7	.0	.0
Food and kindred products	9.7	9.6	9.9	.1	- .3
Printing and publishing	9.9	9.8	9.4	.0	.5
Chemicals and allied products	6.9	6.8	7.0	.1	- .1
Rubber and misc. plastics products	5.0	5.2	5.0	- .1	.1
NONMANUFACTURING[g]	536.0	541.8	497.2	- 5.8	38.8
CONSTRUCTION	26.1	24.6	22.9	1.5	3.1
TRANSPORTATION AND PUBLIC UTILITIES	26.6	25.6	25.6	1.0	1.0
Trucking and warehousing	11.4	11.2	10.2	.2	1.1
Communication, electric, gas services	11.0	10.2[j]	11.3	.8	- .3
WHOLESALE TRADE	35.2	35.1	33.5	.1	1.7
Wholesale trade-durable goods	23.8	23.7	22.4	.1	1.4
RETAIL TRADE	129.1	129.3	119.6	- .2	9.5
General merchandise stores	15.4	15.3	15.5	.1	- .1
FINANCE, INSURANCE, AND REAL ESTATE	52.9	52.3	49.7	.6	3.2
Banking	11.4	11.1	10.7	.3	.7
Insurance carriers	20.6	20.4	19.5	.2	1.1
SERVICES	156.1	154.9	140.3	1.1	15.7
Business services	36.4	35.6	30.7	.7	5.6
Health services	37.9	37.6	36.0	.3	1.9
GOVERNMENT	109.1	118.9	104.5	- 9.8	4.7
Federal government	15.7	15.7	15.3	.0	.4
State government	47.0	52.9	44.9	- 5.9	2.1
State government education[i]	16.9	23.0	16.2	- 6.1	.6
State government, except education	30.1	29.9	28.7	.2	1.5
Local government	46.4	50.4	44.3	- 3.9	2.2
Local government education	25.3	29.5	24.0	- 4.2	1.2
Local government, except education	21.2	20.9	20.2	.3	.9

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$458.90	$460.43	$439.42	40.9	41.0	40.8	$11.22	$11.23	$10.77
Durable Goods[e]	473.47	476.68	458.08	41.1	41.2	40.9	11.52	11.57	11.20
Stone, clay, and glass products	483.55	480.80	495.52	39.7	39.9	42.1	12.18	12.05	11.77
Glass and glassware, pressed or blown	452.37	447.58	428.18	39.2	39.4	39.5	11.54	11.36	10.84
Fabricated metal products	476.41	486.02	504.30	39.9	40.3	41.0	11.94	12.06	12.30
Fabricated structural metal products	414.72	417.38	401.80	40.5	40.8	40.1	10.24	10.23	10.02
Machinery, except electrical	397.71	420.15	417.54	38.5	39.9	41.3	10.33	10.53	10.11
Electric and electronic equipment	433.82	448.44	452.09	39.8	40.4	41.4	10.90	11.10	10.92
Transportation equipment	572.03	567.24	484.41	44.9	44.7	40.3	12.74	12.69	12.02
Instruments and related products	414.66	415.23	363.06	41.8	41.9	38.5	9.92	9.91	9.43
Nondurable Goods[f]	426.47	425.08	398.69	40.5	40.6	40.6	10.53	10.47	9.82
Food and kindred products	415.33	422.42	389.91	41.0	41.7	40.7	10.13	10.13	9.58
Printing and publishing	500.15	498.80	466.89	39.6	39.4	39.5	12.63	12.66	11.82
Chemicals and allied products	502.90	491.25	469.28	41.7	40.7	41.9	12.06	12.07	11.20
Rubber and misc. plastics products	343.18	329.26	322.34	41.8	40.8	40.7	8.21	8.07	7.92
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	572.04	559.01	534.78	42.0	41.5	41.2	13.62	13.47	12.98
WHOLESALE TRADE	326.02	325.56	296.45	38.4	38.0	38.4	8.49	8.57	7.72
RETAIL TRADE[h]	169.94	169.07	170.67	29.0	28.9	30.1	5.86	5.85	5.67
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	240.91	243.25	237.09	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

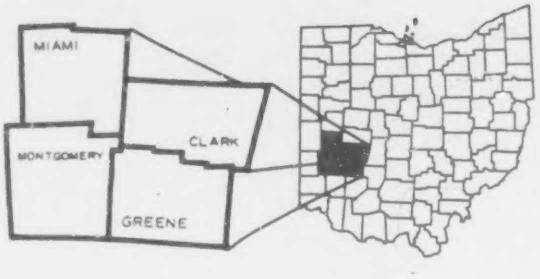
Selected Administrative Program Activities

	July 1986	June 1986	July 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	INA	4,702	6,329
Active File of Job Seekers	INA	41,610	32,244
Referrals to Jobs	INA	2,593	3,258
Placements	INA	618	786
Job Openings Received	INA	1,511	2,374
Job Openings Unfilled	INA	5,633	6,564
Unemployment Insurance Program			
Initial Claims	5,397	4,543	7,306*
Continued Claims	40,884	36,331	45,079*
First Payments	2,225	1,696	2,654
Last Payments	857	722	772
Weeks Compensated	32,845	29,645	31,563
Benefits Paid	$4,691,540	$4,269,369	$4,424,992
Average Weekly Payment	$145.56	$146.90	$142.82

*Revised.

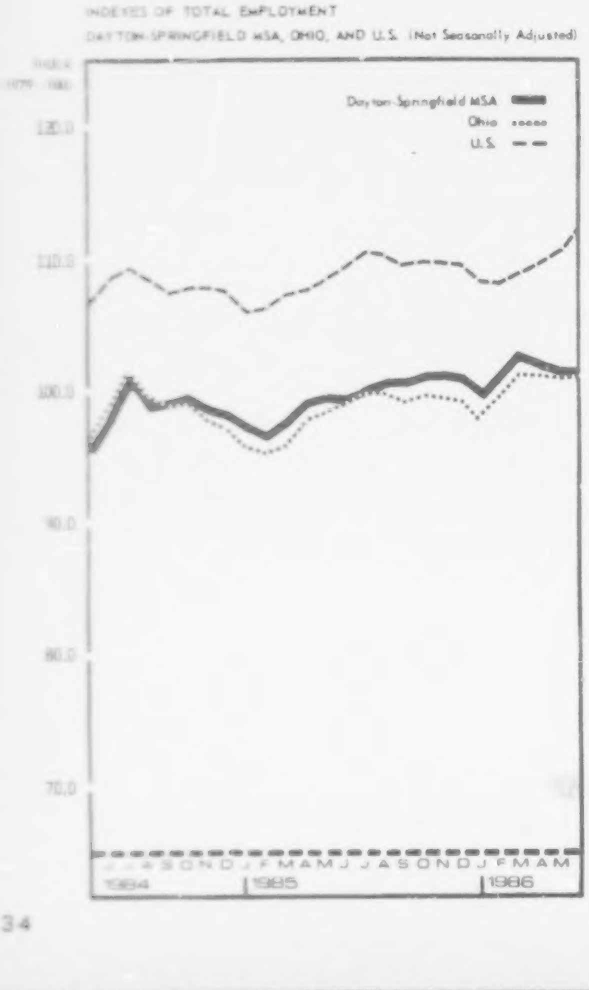
INA-Information not available, currently.

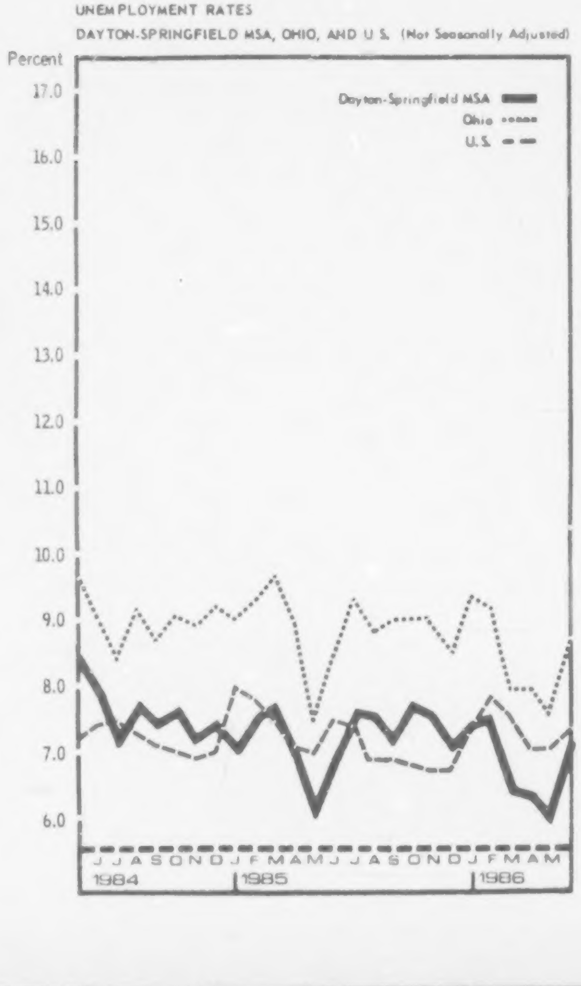
DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in the Dayton-Springfield area totaled 418,300 in July, a decrease of 1,600 from June. The decline occurred in nonmanufacturing, with losses in nonfaculty school personnel in educational services and state and local government. Factory employment, at 104,500, was unchanged from June. Manufacturing production workers averaged a 42.7 hour workweek, down .4 hours from June. Their average earnings were $12.04, up $.02.

Since July 1985, nonagricultural employment rose 12,600. This improvement occurred in nonmanufacturing with the largest gains reported in services, especially business services, retail trade, and construction. Over the year, manufacturing employment declined 2,000. The loss was concentrated in nonelectrical machinery.


INDEXES OF TOTAL EMPLOYMENT
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)


UNEMPLOYMENT RATES
DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)

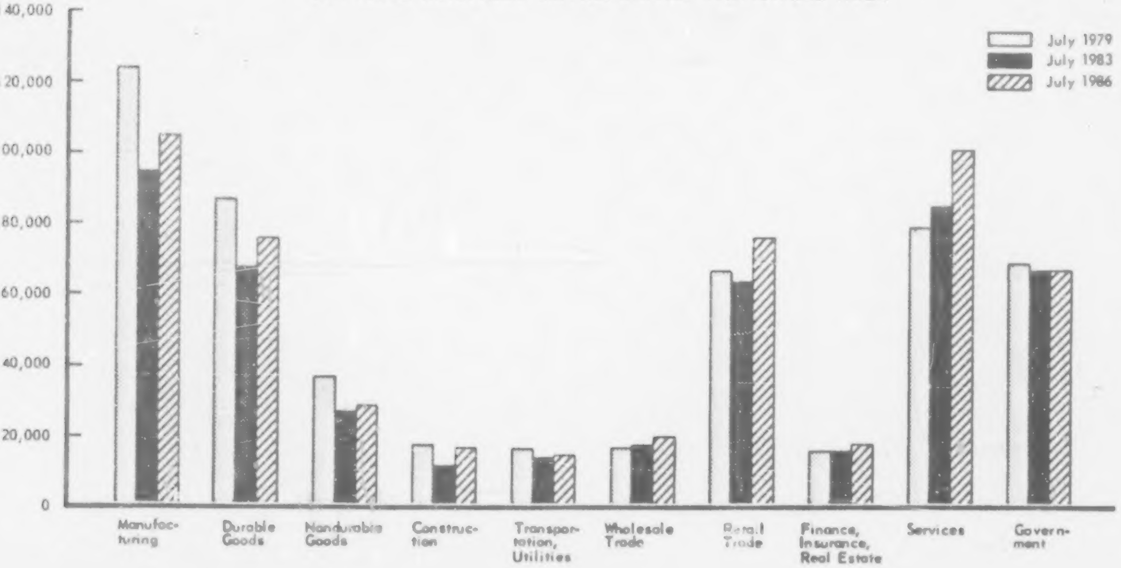
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
445.5	414.6	30.9	6.9	June	408.0	106.9	69.1	543.23	44.6	12.18
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.1	414.9	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.2	422.7	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
455.1	426.3	28.8	6.3	April	417.0	104.7	67.7	510.85	42.5	12.02
450.9	424.4	26.5	5.9	May	421.0	104.6	67.5	515.31	42.8	12.04
456.4	423.9	32.5	7.1	June	419.9	104.5	67.0	518.06	43.1	12.02
INA	INA	INA	INA	July	418.3	104.5	66.7	514.11	42.7	12.04

INA: Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	418.3	419.9	405.7	- 1.6	12.6
MANUFACTURING	104.5	104.5	106.5	.0	- 2.0
Durable Goods[e]	75.5	75.6	77.8	- .1	- 2.3
Fabricated metal products	8.4	8.5	8.7	.0	- .3
Machinery, except electrical	31.5	31.7	32.7	- .2	- 1.2
Metalworking machinery	6.8	7.1	6.9	- .2	- .1
General industrial machinery	2.5	2.6	2.9	- .1	- .4
Electric and electronic equipment	5.1	5.0	5.5	.1	- .3
Electrical industrial apparatus	2.8	2.8	3.0	.0	- .1
Transportation equipment	21.7	21.6	21.6	.1	.1
Nondurable Goods[f]	29.1	29.0	28.8	.1	.3
Food and kindred products	3.1	2.8	2.9	.2	.1
Paper and allied products	5.8	5.8	5.5	.0	.2
Printing and publishing	8.4	8.4	8.3	.0	.1
Rubber and misc. plastics products	8.1	8.2	8.3	- .1	- .2
NONMANUFACTURING[g]	313.6	315.4	299.2	- 1.6	14.6
CONSTRUCTION	16.8	16.0	14.6	.7	2.1
TRANSPORTATION AND PUBLIC UTILITIES	15.4	15.2	14.8	.2	.6
Communication, electric, gas services	6.0	5.7	6.1	.2	- .2
WHOLESALE TRADE	20.0	20.1	19.2	- .1	.8
Wholesale trade-durable goods	13.5	13.5	13.0	.0	.5
RETAIL TRADE	75.6	75.7	71.7	- .1	3.9
General merchandise stores	10.9	11.0	10.9	- .1	.0
FINANCE, INSURANCE, AND REAL ESTATE	17.5	17.3	17.1	.2	.5
Banking	4.4	4.3	4.2	.1	.1
Credit agencies other than banks	4.7	4.7	4.3	.0	.5
Insurance carriers	2.7	2.7	3.1	.0	- .4
SERVICES	101.0	101.1	94.3	- .1	6.7
Business services	24.2	23.5	20.4	.7	3.7
Health services	34.3	34.0	33.6	.3	.7
Educational services	5.9	6.8	5.2	- .9	.7
GOVERNMENT	67.1	69.5	67.0	- 2.4	.1
Federal government	27.7	27.6	28.1	.1	- .4
State government	6.1	6.9	5.8	- .8	.3
State government education	3.4	4.2	3.1	- .8	.2
State government, except education	2.7	2.7	2.7	.0	.0
Local government	33.3	35.0	33.1	- 1.7	.2
Local government education	18.3	20.2	18.2	- 2.0	.1
Local government, except education	15.0	14.8	14.9	.3	.2

Dayton-Springfield MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$514.11	$518.06	$537.03	42.7	43.1	44.2	$12.04	$12.02	$12.15
Durable Goods[e]	528.84	527.04	546.02	43.1	43.2	44.5	12.27	12.20	12.27
Fabricated metal products	387.61	392.37	357.14	41.5	42.1	40.4	9.34	9.32	8.84
Machinery, except electrical	548.10	551.76	562.69	43.5	44.0	44.8	12.60	12.54	12.5[illegible]
Metalworking machinery	524.96	534.03	530.77	45.1	45.8	46.5	11.64	11.66	11.[illegible]
General industrial machinery	445.40	437.08	424.92	42.5	42.6	41.7	10.48	10.26	10.1[illegible]
Electric and electronic equipment	404.12	400.01	364.68	42.9	42.6	41.3	9.42	9.39	8.83
Electrical industrial apparatus	455.08	456.67	383.52	43.3	43.7	40.8	10.51	10.45	9.40
Transportation equipment	649.30	640.36	706.58	44.2	43.8	47.2	14.69	14.62	14.97
Nondurable Goods[f]	471.44	489.05	508.03	41.5	42.6	43.2	11.36	11.48	11.76
Food and kindred products	372.78	362.94	381.06	43.6	42.4	41.6	8.55	8.56	9.16
Paper and allied products	448.92	476.39	434.61	43.0	45.5	43.9	10.44	10.47	9.90
Printing and publishing	421.22	417.90	417.20	39.7	39.9	39.1	10.61	10.50	10.67
Rubber and misc. plastics products	603.20	624.36	693.78	41.6	43.0	46.5	14.50	14.52	14.92
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	544.66	533.48	520.02	41.2	40.6	40.5	13.22	13.14	12.84
WHOLESALE TRADE	384.61	384.87	376.20	40.4	40.3	41.8	9.52	9.55	9.00
RETAIL TRADE[h]	157.18	156.06	161.64	29.0	28.9	30.1	5.42	5.40	5.37

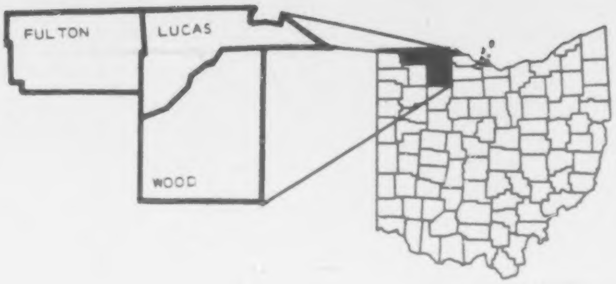
[a] See Technical Notes for concepts [b] Preliminary [c] Revised [d] Based on unrounded figures [e] Includes lumber and wood products, furniture and fixtures, stone, clay and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, chemicals and allied products, petroleum and coal products, leather and leather products [g] Includes mining [h] Money payments only, tips not included [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education [j] Depressed due to labor-management disputes

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	2,873	4,015
Active File of Job Seekers	INA	27,935	21,048
Referrals to Jobs	INA	1,536	5,553
Placements	INA	533	4,287
Job Openings Received	INA	977	5,318
Job Openings Unfilled	INA	1,672	2,004
Unemployment Insurance Program			
Initial Claims	3,580	2,812	4,035
Continued Claims	27,109	23,390	30,302
First Payments	1,431	1,183	1,760
Last Payments	577	481	535
Weeks Compensated	21,865	19,043	21,603
Benefits Paid	$2,943,702	$2,597,599	$2,812,464
Average Weekly Payment	$137.20	$139.86	$132.49

INA-Information not available, currently.

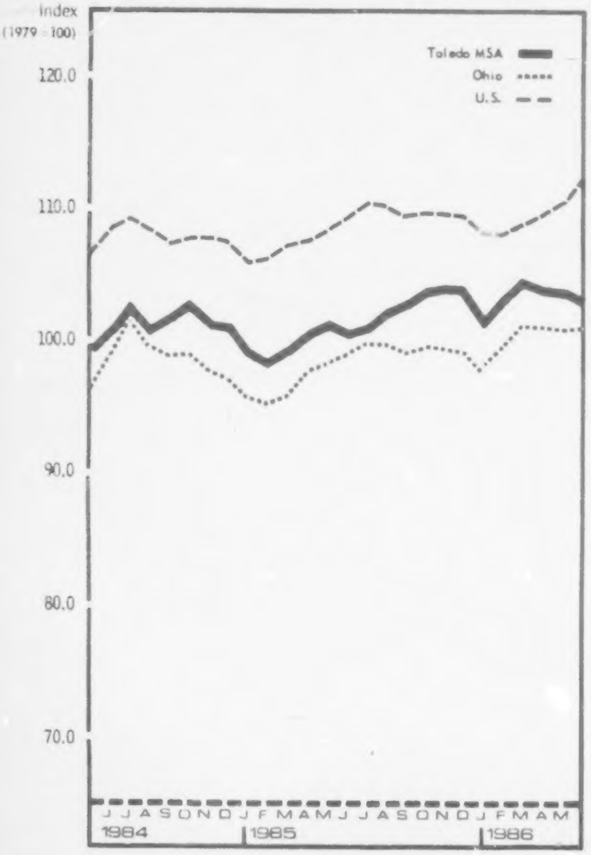
TOLEDO
METROPOLITAN
STATISTICAL
AREA



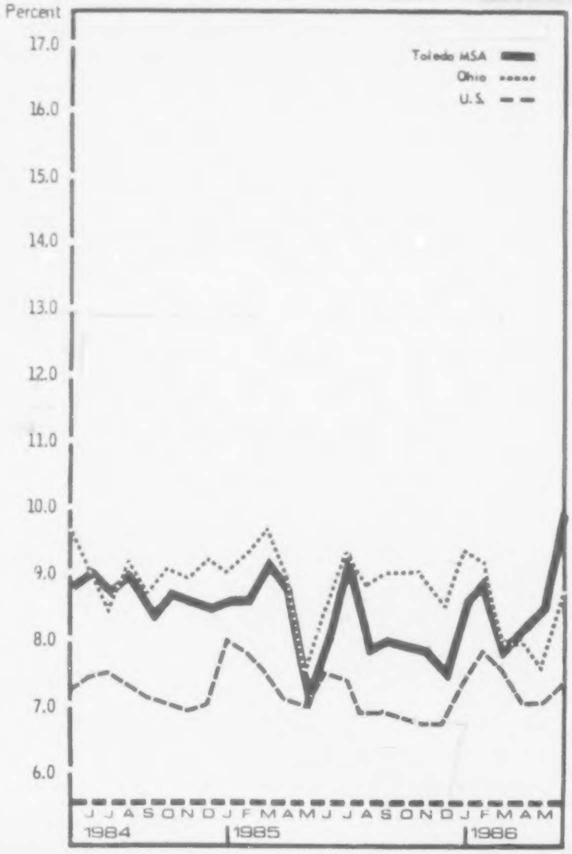
Nonagricultural wage and salary employment in the Toledo area decreased 2,300 from last month to 267,900 in July 1986. The decline resulted from seasonal layoffs of nonteaching employees in state and local schools and colleges. Manufacturing decreased 500, to 61,900 in July, as employment slipped in primary metal industries and fabricated metal products. Increased employment was posted in transportation equipment, construction, services, and local government, except education. Production workers in manufacturing worked an average of 42.1 hours in July, down slightly from last month. They earned $12.52 an hour, up $.10 from last month.

Since July 1985, Toledo nonagricultural wage and salary employment has increased 7,700. This improvement occurred largely in nonmanufacturing, with the greatest gains reported in services and retail trade; 5,000 and 2,800, respectively. Manufacturing employment declined 2,400 over the year. The most noteworthy loss was in motor vehicles and equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



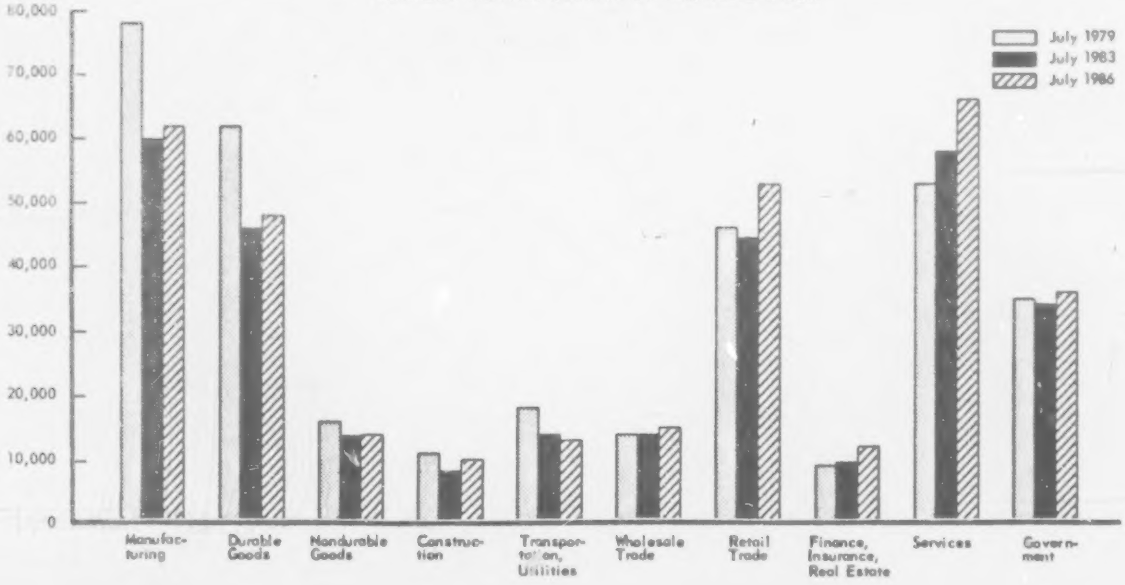
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
292.3	268.7	23.6	8.1	June	262.6	65.1	45.8	517.65	42.5	12.18
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	63.3	44.0	536.68	42.9	12.51
303.5	279.9	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
302.7	277.9	24.8	8.2	April	270.0	62.6	43.2	516.23	41.8	12.35
302.8	277.0	25.7	8.5	May	273.0	62.1	42.8	524.55	42.2	12.43
305.1	274.9	30.2	9.9	June	270.2	62.3	43.1	524.12	42.2	12.42
INA	INA	INA	INA	July	267.9	61.9	42.6	527.09	42.1	12.52

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	267.9	270.2	260.2	- 2.3	7.7
MANUFACTURING	61.9	62.3	64.3	- .5	- 2.4
Durable Goods[e]	47.7	48.1	50.6	- .4	- 2.8
Stone, clay, and glass products	8.7	8.7	8.8	.0	- .1
Primary metal industries	3.1	3.3	3.5	- .2	- .4
Fabricated metal products	7.7	7.8	8.1	- .2	- .4
Metal forgings and stampings	3.4	3.5	3.7	- .1	- .2
Machinery, except electrical	5.9	5.9	6.1	.0	- .2
Electric and electronic equipment	2.7	2.7	3.2	- .1	- .5
Transportation equipment	15.7	15.6	17.1	.2	- 1.4
Motor vehicles and equipment	14.7	14.6	16.3	.1	- 1.6
Nondurable Goods[f]	14.1	14.2	13.7	- .1	.4
Food and kindred products	3.7	3.8	3.6	- .2	.1
Rubber and misc. plastics products	3.1	3.0	2.7	.1	.4
NONMANUFACTURING[g]	206.0	207.9	195.9	- 1.8	10.1
CONSTRUCTION	10.2	9.6	9.0	.6	1.2
TRANSPORTATION AND PUBLIC UTILITIES	13.2	13.2	14.0	.1	- .7
Trucking and warehousing	5.6	5.6	5.5	- .1	.1
Communication, electric, gas services	4.1[j]	3.9[j]	4.7	.2	- .6
WHOLESALE TRADE	15.3	15.3	15.1	.0	.2
Wholesale trade-durable goods	10.2	10.3	10.1	- .1	.0
RETAIL TRADE	53.1	53.3	50.3	- .2	2.8
General merchandise stores	6.9	6.9	7.0	.0	- .1
FINANCE, INSURANCE, AND REAL ESTATE	11.6	11.5	10.3	.1	1.3
Banking	4.0	4.0	3.4	.0	.6
SERVICES	66.2	66.0	61.2	.2	5.0
Business services	12.7	12.4	10.9	.2	1.7
Health services	25.4	25.3	24.6	.1	.8
GOVERNMENT	36.2	38.7	35.8	- 2.5	.4
State government	11.6	12.3	11.4	- .7	.2
State government education[i]	7.6	8.3	7.5	- .7	.1
State government, except education	4.0	4.0	3.9	.0	.1
Local government	22.0	23.8	21.8	- 1.8	.2
Local government education	11.5	13.5	11.3	- 2.0	.2
Local government, except education	10.4	10.3	10.5	.2	.0

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$527.09	$524.12	$517.37	42.1	42.2	42.2	$12.52	$12.42	$12.26
Durable Goods[e]	550.32	543.98	537.21	42.3	42.3	42.4	13.01	12.86	12.67
Stone, clay, and glass products	543.42	553.14	510.43	43.3	43.9	41.6	12.55	12.60	12.27
Primary metal industries	517.09	502.74	471.73	45.2	44.1	43.8	11.44	11.40	10.77
Fabricated metal products	482.39	484.26	443.30	40.3	40.9	39.3	11.97	11.84	11.28
Metal forgings and stampings	563.04	567.59	521.97	40.8	41.4	40.4	13.80	13.71	12.92
Machinery, except electrical	465.50	449.74	445.77	41.6	40.7	41.7	11.19	11.05	10.69
Electric and electronic equipment	710.50	571.05	523.60	50.0	42.3	42.5	14.21	13.50	12.32
Transportation equipment	646.18	644.30	662.12	42.4	42.5	44.[illegible]	[illegible]5.24	15.16	14.98
Motor vehicles and equipment	649.14	646.18	663.88	42.4	42.4	44.2	15.31	15.24	15.02
Nondurable Goods[f]	448.03	454.37	438.24	41.6	41.8	41.5	10.77	10.87	10.56
Food and kindred products	555.22	538.82	504.58	44.1	42.9	43.2	12.59	12.56	11.68
Rubber and misc. plastics products	326.82	344.42	296.73	40.7	41.9	37.8	8.03	8.22	7.85
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	605.86	648.93	564.99	43.4	44.6	42.9	13.96	14.55	13.17
WHOLESALE TRADE	358.90	349.06	323.63	38.1	37.9	36.2	9.42	9.21	8.94
RETAIL TRADE[h]	156.46	155.05	160.20	29.3	29.2	30.0	5.34	5.31	5.34

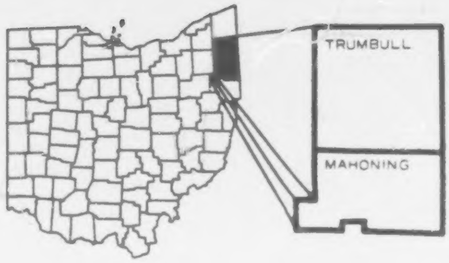
[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor management disputes.

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	2,134	3,277
Active File of Job Seekers	INA	27,410	23,590
Referrals to Jobs	INA	1,081	2,342
Placements	INA	295	1,419
Job Openings Received	INA	571	2,241
Job Openings Unfilled	INA	639	1,865
Unemployment Insurance Program			
Initial Claims	5,498	3,559	5,630
Continued Claims	36,350	29,928	27,133
First Payments	1,733	1,426	1,433
Last Payments	560	444	449
Weeks Compensated	28,437	26,401	18,915
Benefits Paid	$4,339,016	$4,094,294	$2,578,001
Average Weekly Payment	$155.73	$158.34	$140.22

INA-Information not available, currently.

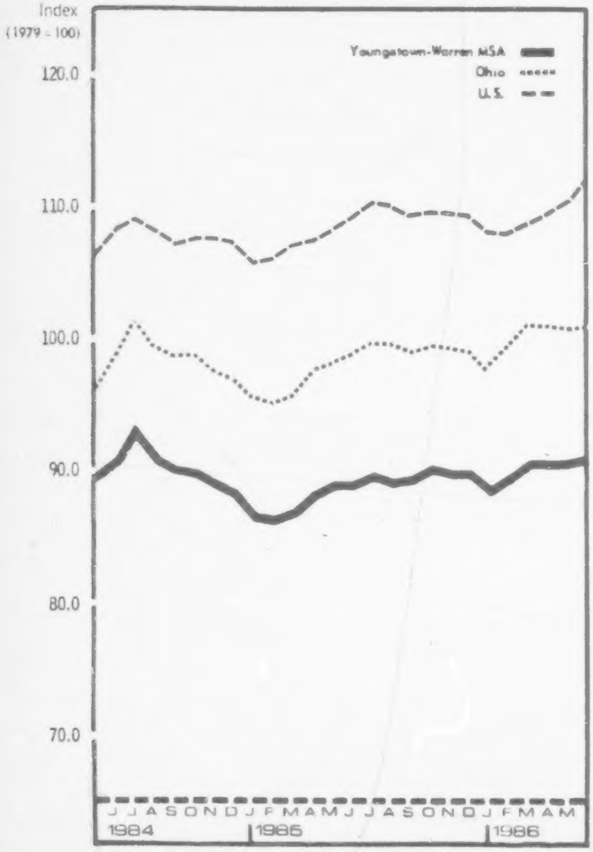
YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA



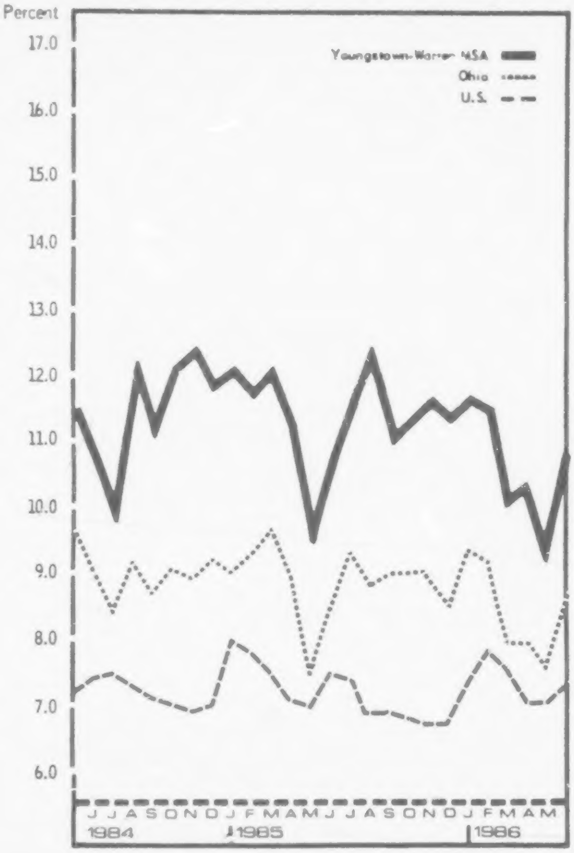
Nonagricultural wage and salary employment in the Youngstown-Warren area was 188,300 in July, down 2,600 workers from the June level. The decline was due largely to seasonal layoffs of nonteaching employees in state and local schools and colleges. July employment in manufacturing was 51,000, down 800 workers from June. Primary metal industries contributed most to the decline, with a loss of 500 employees. Production workers in manufacturing averaged a 40.8 hour workweek, down .2 hours from June. They earned $13.17, unchanged from last month.

Since July 1985, nonagricultural wage and salary employment in the Youngstown-Warren area rose 4,400. Services posted the largest increase with an expansion of 2,400, followed by retail trade with an increase of 1,400 workers. Manufacturing had a net loss of 1,300 over the year, with gains in transportation equipment more than offset by declines in primary metal industries and nonelectrical machinery.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



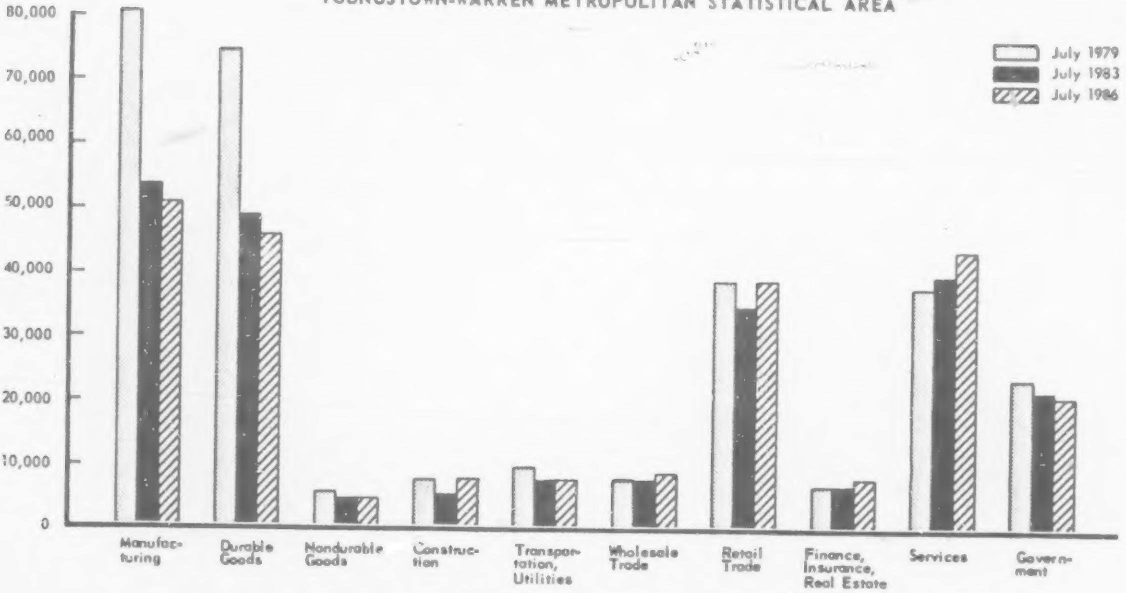
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
219.3	195.8	23.4	10.7	June	185.2	52.8	39.9	563.68	42.8	13.17
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.8	198.9	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
219.5	199.4	20.1	9.2	May	190.1	51.9	38.8	533.79	40.5	13.18
224.5	200.4	24.1	10.8	June	190.9	51.8	38.7	539.97	41.0	13.17
INA	INA	INA	INA	July	188.3	51.0	38.0	537.34	40.8	13.17

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Youngstown-Warren MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	July 1986[b]	June 1986[c]	July 1985[c]	From Last Month	From Last Year
TOTAL	188.3	190.9	184.0	- 2.6	4.4
MANUFACTURING	51.0	51.8	52.3	- .8	- 1.3
Durable Goods[e]	45.8	46.5	47.1	- .7	- 1.4
Primary metal industries	19.7	20.2	20.8	- .5	- 1.1
Blast furnace and basic steel products	6.8	6.8	7.2	.0	- .3
Fabricated metal products	7.6	7.7	7.7	- .1	- .1
Machinery, except electrical	3.3	3.3	4.1	.0	- .8
Electric and electronic equipment	2.4	2.4	2.5	.0	.0
Transportation equipment	9.7	9.8	8.8	- .1	1.0
Nondurable Goods[f]	5.3	5.3	5.2	.0	.1
NONMANUFACTURING[g]	137.3	139.1	131.7	- 1.8	5.6
CONSTRUCTION	8.0	7.6	7.3	.3	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.7	7.5	.1	.3
Communication, electric, gas services	3.0	2.9	3.1	.1	- .1
WHOLESALE TRADE	9.3	9.3	8.9	- .1	.4
Wholesale trade-durable goods	6.2	6.3	5.9	- .1	.3
RETAIL TRADE	38.5	38.9	37.1	- .4	1.4
General merchandise stores	5.3	5.5	5.7	- .2	- .4
FINANCE, INSURANCE, AND REAL ESTATE	8.1	8.0	7.5	.1	.6
Banking	2.7	2.7	2.5	.0	.1
SERVICES	44.1	43.9	41.8	.3	2.4
Health services	18.5	18.2	18.0	.3	.4
GOVERNMENT	20.7	22.9	20.9	- 2.2	- .2
State government	3.2	4.0	3.1	- .9	.0
State government education	1.6	2.5	1.5	- .9	.0
State government, except education	1.6	1.5	1.6	.0	.0
Local government	15.5	16.8	15.8	- 1.3	- .3
Local government education	8.8	10.2	9.1	- 1.4	- .3
Local government, except education	6.7	6.6	6.7	.1	.0

Hours & Earnings of Production or Nonsupervisory Workers[a]

Youngstown-Warren MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]	July 1986[b]	June 1986[c]	July 1985[c]
MANUFACTURING	$537.34	$539.97	$569.67	40.8	41.0	42.8	$13.17	$13.17	$13.31
Durable Goods[e]	552.97	555.26	590.11	40.9	41.1	43.2	13.52	13.51	13.66
Primary metal industries	545.16	545.53	589.37	38.5	38.8	41.1	14.16	14.06	14.34
Blast furnace and basic steel products	512.62	514.74	522.45	37.2	37.3	38.5	13.78	13.80	13.57
Fabricated metal products	546.48	573.08	591.59	41.4	42.2	42.9	13.20	13.58	13.79
Machinery, except electrical	447.60	458.28	460.08	40.0	40.7	40.5	11.19	11.26	11.36
Electric and electronic equipment	412.24	405.72	366.37	39.6	39.2	36.4	10.41	10.35	10.12
Transportation equipment	682.96	668.83	780.84	45.5	45.1	52.3	15.01	14.83	14.93
Nondurable Goods[f]	366.67	379.20	348.23	39.3	40.0	38.1	9.33	9.48	9.14
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	547.04	534.64	513.73	41.1	41.0	41.0	13.31	13.04	12.53
WHOLESALE TRADE	329.80	323.67	305.41	38.8	37.9	37.2	8.50	8.54	8.21
RETAIL TRADE[h]	169.72	168.64	167.77	30.2	29.9	29.8	5.62	5.64	5.63

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	July 1986	June 1986	July 1985
Employment Service Program			
New Applicants	INA	2,059	3,677
Active File of Job Seekers	INA	32,551	29,606
Referrals to Jobs	INA	1,258	2,647
Placements	INA	485	1,076
Job Openings Received	INA	650	1,270
Job Openings Unfilled	INA	552	648
Unemployment Insurance Program			
Initial Claims	6,332	4,175	4,743
Continued Claims	25,391	19,695	22,833
First Payments	1,326	938	1,158
Last Payments	467	427	392
Weeks Compensated	20,512	17,200	16,612
Benefits Paid	$2,858,468	$2,407,857	$2,274,206
Average Weekly Payment	$143.51	$143.96	$140.81

INA-Information not available, currently.

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	July 1986	June 1986	July 1985
New Applicants	INA	46,638	60,920
Active File of Job Seekers	INA	421,135	355,410
Counseling Interviews	INA	1,860	2,701
Tests Administered	INA	6,153	2,612
General Aptitude Tests	INA	587	244
Proficiency Tests	INA	536	848
Specific Aptitude Tests	INA	290	676
Referrals to Jobs	INA	27,872	36,788
Placements	INA	7,215	17,804
Job Openings Received	INA	12,879	24,769
Job Openings Unfilled	INA	23,964	27,477

Selected Unemployment Insurance Activities

	July 1986	June 1986	July 1985
Initial Claims	71,748	54,748	83,610
Continued Claims	492,828	422,587	508,670
First Payments	23,103	20,066	27,089
Last Payments	9,256	8,251	9,278
Average Weekly Claimants	102,665	101,165	106,967
Average Weekly Benefit Recipients	81,682	86,304*	83,968
Weeks Compensated	380,058	345,217	361,835
Benefits Paid	$54,513,869	$50,034,506	$50,598,076*
Average Weekly Payment	$146.79	$148.50	$143.33
Continued Claims for Survey Week	104,103	102,242	107,404
Insured Unemployment Rate	2.5	2.4	2.6
Net Contributions	$85,100,121	$6,686,950	$83,174,819
Active Employer Accounts	192,202	192,819	190,719

*Revised.

INA - Information not available, currently.

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Labor Market Review

August 1986

Summary. Ohio's seasonally adjusted unemployment rate edged up from 8.0 percent in July to 8.2 percent in August, according to the latest Current Population Survey. The corresponding rate for the U.S. fell slightly, from 6.9 percent in July to 6.8 percent in August. Ohio's civilian labor force declined 20,000, to 5,161,000. There were 421,000 unemployed workers in Ohio in August, up 6,000 from July. Based on the latest employer survey, seasonally adjusted nonagricultural wage and salary employment in Ohio was 13,000 above the July level, at 4,519,000. The gain was due to increases in the number of jobs in the nonmanufacturing sector. (See page 3.)

Factory Employment. At 1,094,000, seasonally adjusted manufacturing employment in Ohio was unchanged from July. Gains in some durable-goods industries offset employment losses due to labor-management disputes in primary metals and transportation equipment. Employment in nondurable goods was unchanged in August.

Nonmanufacturing. August nonmanufacturing employment in Ohio rose 13,000 from July, to 3,425,000. Retail trade and services increased 4,000 each, while transportation and public utilities gained 2,000 jobs.

Over the Year. The seasonally adjusted civilian labor force in Ohio grew by 57,000 from August 1985 to August 1986. Total employment rose 95,000 over the year. There were 38,000 fewer unemployed workers, lowering the unemployment rate from 9.0 percent in August 1985, to 8.2 percent in August 1986. During the same period, the national rate dropped from 7.1 percent to 6.8 percent. Ohio nonagricultural wage and salary employment increased 135,000 from last August. Most of the gain occurred in services (+71,000) and retail trade (+46,000). All nonmanufacturing divisions, except mining, had higher employment than in 1985. Manufacturing employment was reduced by 22,000 over the year, due chiefly to losses in durable-goods industries.

Factory Hours and Earnings. Manufacturing production workers in Ohio grossed an average of $483.00 in August, up $7.31 from July. Their average workweek of 42.0 hours was .6 hours longer. The increase in earnings was concentrated in durable-goods industries. Stepped-up overtime raised earnings in metal forgings and stampings, motor vehicles and equipment, and iron and steel foundries.

Benefits and Costs. There were 66,356 initial claims filed under the Ohio Unemployment Compensation Law in August, down 7.5 percent from July, but up 4.6 percent from August 1985. The average weekly number of benefit recipients was 82,718, an increase of 1,036. Total benefits paid fell 3.7 percent, to $52.5 million. The average weekly benefit check of $149.14 was $2.35 above the July amount. At the end of August, there were 193,196 active employer accounts.

Ohio Bureau of Employment Services
Richard F. Celeste, Governor Dr. Roberta Steinbacher, Administrator

Employment Service. The Ohio Bureau of Employment Services assisted 50,487 new job applicants in August, down 4.8 percent from July. Employer job openings declined 12.6 percent, to 20,417. The Employment Services Division made 32,477 job referrals and 11,136 placements.

YOU ARE INVITED TO PARTICIPATE

In National Employ the Handicapped Week
October 5 - 11, 1986

"People At Work" is the theme for National Employ the Handicapped Week. The observance has three objectives:

1. To express appreciation to employers who have established outstanding programs and records of hiring people with disabilities.
2. To encourage those employers who have not hired a worker with a disability to look at abilities, not disabilities.
3. To salute the achievements of people with disabilities who are contributing to their communities and to society through their jobs.

If you would like to get involved, call your local OBES office and open the door for a handicapable person. A qualified handicapped worker can add new dimensions to your workplace.

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Seasonally Adjusted Civilian Labor Force & Nonagricultural Wage & Salary Employment Estimates for Ohio[a]

	Estimates (in thousands)			Change[b] (in thousands)		Percent Change[c]	
	Aug. 1986	Jul. 1986	Aug. 1985	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data[d]							
Civilian Labor Force	5,161	5,181	5,104	-20	57	-0.4	1.1
Employment	4,740	4,766	4,645	-26	95	-0.5	2.0
Unemployment	421	415	459	6	-38	1.4	-8.3
Unemployment Rate	8.2	8.0	9.0				
Employer Survey Data[e]							
Total	4,519	4,507	4,384	13	135	0.3	3.1
Manufacturing	1,094	1,094	1,116	0	-22	0.0	-2.0
Durable Goods	745	745	763	0	-18	0.0	-2.3
Nondurable Goods	349	349	353	0	-4	0.0	-1.2
Nonmanufacturing	3,425	3,412	3,268	13	157	0.4	4.8
Mining	24	24	26	0	-2	-0.8	-6.9
Construction	163	163	155	1	9	0.4	5.7
Transportation and Public Utilities	204	202	201	2	3	0.7	1.5
Wholesale Trade	255	254	247	1	8	0.3	3.1
Retail Trade	841	837	795	4	46	0.5	5.8
Finance, Insurance, and Real Estate	230	230	219	1	11	0.3	5.1
Services	1,030	1,026	959	4	71	0.4	7.4
Government	678	677	667	1	11	0.2	1.7
Goods Producing Industries[f]	1,282	1,281	1,297	0	-15	0.0	-1.2
Service Producing Industries[g]	3,238	3,225	3,087	12	150	0.4	4.9

[a] Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. [b] Changes are computed from unrounded numbers. [c] Percentages are computed from unrounded numbers. [d] From the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics. [e] From the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review. [f] Includes Mining, Construction, and Manufacturing. [g] Includes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance and Real Estate, Services, and Government.

Seasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Civilian Labor Force			Unemployment Rate		
Total	Employed	Unemployed	Ohio	U.S.	
					1984
5,104	4,617	487	9.5	7.5	August
5,126	4,663	463	9.0	7.4	September
5,121	4,648	473	9.2	7.3	October
5,082	4,638	444	8.7	7.2	November
5,124	4,656	468	9.1	7.2	December
					1985
5,111	4,667	444	8.7	7.4	January
5,135	4,678	457	8.9	7.3	February
5,143	4,673	470	9.1	7.3	March
5,148	4,684	464	9.0	7.3	April
5,071	4,659	412	8.1	7.3	May
5,065	4,623	442	8.7	7.3	June
5,100	4,626	474	9.3	7.3	July
5,104	4,645	459	9.0	7.1	August
5,154	4,678	476	9.2	7.1	September
5,154	4,688	466	9.0	7.1	October
5,181	4,723	458	8.8	7.0	November
5,186	4,749	437	8.4	6.9	December
					1986
5,226	4,758	468	9.0	6.7	January
5,357	4,890	467	8.7	7.3	February
5,311	4,919	392	7.4	7.2	March
5,265	4,842	423	8.0	7.1	April
5,197	4,778	419	8.1	7.3	May
5,184	4,722	462	8.9	7.1	June
5,181	4,766	415	8.0	6.9	July
5,161	4,740	421	8.2	6.8	August

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

	Total Nonagricultural			
		Manufacturing		
			Durable	Nondurable
1984				
August	4,288	1,138	783	355
September	4,289	1,130	775	354
October	4,306	1,132	777	356
November	4,321	1,135	780	356
December	4,327	1,137	781	355
1985				
January	4,323	1,134	779	355
February	4,328	1,133	778	356
March	4,343	1,129	774	355
April	4,358	1,127	772	355
May	4,376	1,127	772	355
June	4,367	1,123	769	354
July	4,376	1,118	767	351
August	4,384	1,116	763	353
September	4,394	1,110	757	353
October	4,410	1,115	763	353
November	4,430	1,121	767	354
December	4,449	1,126	772	354
1986				
January	4,483	1,130	774	357
February	4,482	1,127	769	358
March	4,482	1,117	761	356
April	4,494	1,114	760	354
May	4,504	1,104	752	353
June	4,503	1,102	750	351
July	4,507	1,094	745	349
August	4,519	1,094	745	349

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
					1984				
3,151	28	147	204	239	August	754	212	913	654
3,160	28	147	203	239	September	756	212	913	660
3,174	28	150	204	240	October	760	213	918	661
3,186	28	149	203	241	November	768	214	922	661
3,190	27	151	203	242	December	767	214	925	660
					1985				
3,189	27	151	203	243	January	770	215	927	654
3,195	27	148	203	244	February	771	215	929	658
3,213	27	151	203	244	March	777	216	934	662
3,231	27	154	203	245	April	781	216	943	663
3,249	27	156	203	246	May	787	218	950	664
3,244	26	153	202	245	June	788	218	949	663
3,259	26	153	202	246	July	792	219	955	666
3,268	26	155	201	247	August	795	219	959	667
3,284	26	155	202	248	September	798	220	964	670
3,294	26	156	203	249	October	803	221	968	669
3,309	26	156	203	250	November	806	222	975	670
3,323	26	158	204	251	December	809	222	984	670
					1986				
3,353	27	160	204	252	January	820	223	991	677
3,356	26	159	204	253	February	824	224	993	673
3,365	26	158	204	254	March	828	225	997	674
3,380	26	161	204	254	April	831	226	1004	675
3,400	25	162	203	255	May	834	227	1016	678
3,401	25	162	198	254	June	837	228	1021	678
3,412	24	163	202	254	July	837	230	1026	677
3,425	24	163	204	255	August	841	230	1030	678

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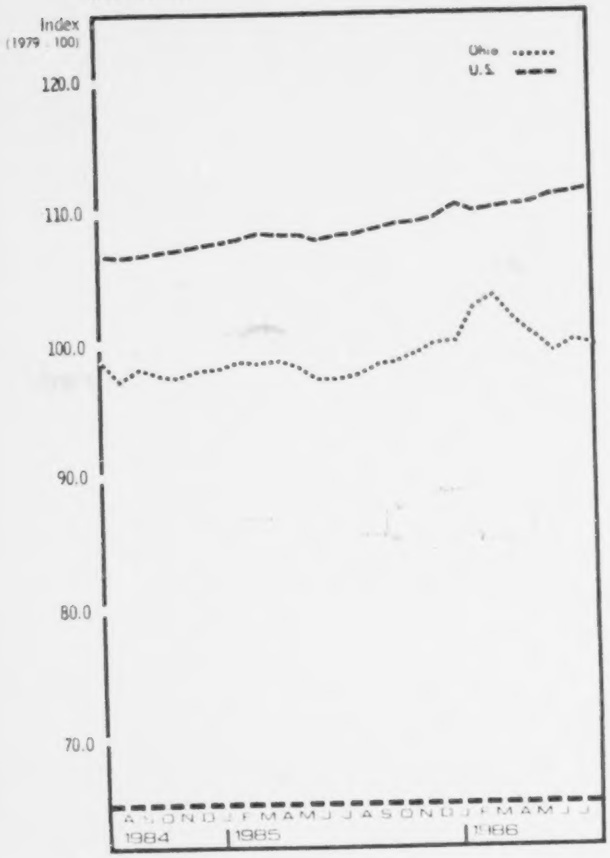
[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Review.

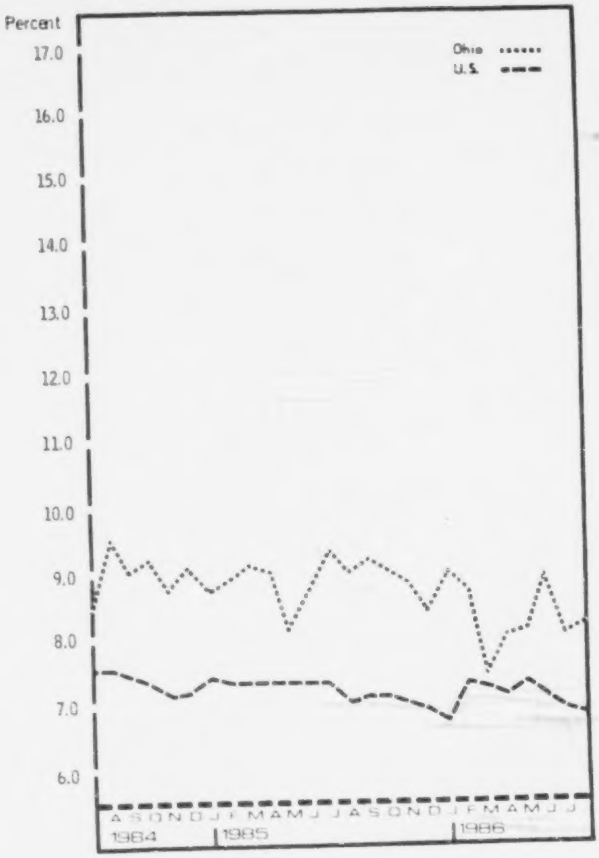
INDEXES OF TOTAL EMPLOYMENT
OHIO AND U.S.

(Seasonally Adjusted)



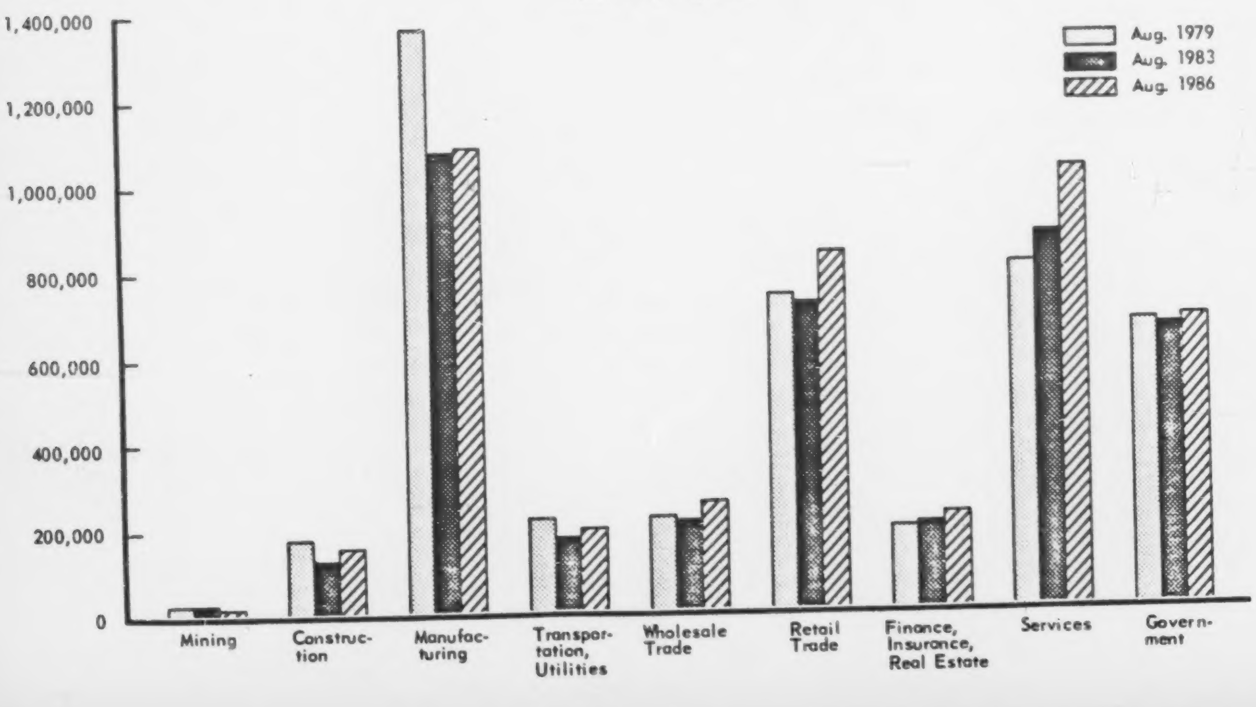
UNEMPLOYMENT RATES
OHIO AND U.S.

(Seasonally Adjusted)



EMPLOYMENT IN DIVISION LEVEL INDUSTRIES

(Seasonally Adjusted)



Nonseasonally Adjusted Estimates[a]

Ohio Civilian Labor Force Estimates

(in thousands)

Ohio Nonagricultural Wage & Salary Employment

(in thousands)

Civilian Labor Force			Unemployment Rate			Total Nonagricultural			
							Manufacturing		
Total	Employed	Unemployed	Ohio	US				Durable	Nondurable
4,723	4,294	429	9.1	8.5	1975	4,016.2	1,267.5	892.4	375.1
4,751	4,380	370	7.8	7.7	1976	4,094.6	1,295.3	910.6	384.6
4,833	4,520	312	6.5	7.1	1977	4,230.1	1,344.1	945.2	398.9
4,959	4,690	268	5.4	6.1	1978	4,394.9	1,377.2	974.5	402.7
5,059	4,760	299	5.9	5.8	1979	4,484.8	1,382.3	980.5	401.8
5,089	4,663	426	8.4	7.1	1980	4,367.4	1,264.3	882.6	381.8
5,100	4,608	492	9.6	7.6	1981	4,317.7	1,232.6	860.4	372.2
5,114	4,474	640	12.5	9.7	1982	4,124.3	1,099.9	752.4	347.5
5,099	4,478	621	12.2	9.6	1983	4,092.5	1,066.0	723.6	342.4
5,089	4,609	480	9.4	7.5	1984	4,260.2	1,127.0	773.4	353.6
5,130	4,675	455	8.9	7.2	1985	4,378.6	1,123.1	769.1	354.0
					1985				
5,207	4,751	456	8.8	6.9	August	4,385.8	1,118.4	761.3	357.2
5,185	4,719	466	9.0	6.9	September	4,437.7	1,121.4	762.6	358.8
5,216	4,747	469	9.0	6.8	October	4,456.8	1,119.8	765.5	354.4
5,200	4,734	466	9.0	6.7	November	4,473.1	1,123.1	768.2	354.9
5,156	4,721	436	8.5	6.7	December	4,483.7	1,123.6	769.5	354.1
					1986				
5,121	4,647	474	9.3	7.3	January	4,393.4	1,119.3	766.7	352.7
5,212	4,740	472	9.1	7.8	February	4,387.1	1,114.2	761.2	353.0
5,226	4,812	414	7.9	7.5	March	4,418.5	1,111.9	759.1	352.7
5,217	4,804	413	7.9	7.0	April	4,481.6	1,110.8	759.6	351.2
5,180	4,791	389	7.5	7.0	May	4,533.2	1,105.7	753.8	351.9
5,259	4,802	457	8.7	7.3	June	4,549.1	1,109.3	756.1	353.2
5,287	4,875	412	7.8	7.0	July	4,515.6	1,096.8	746.5	350.3
5,255	4,832	422	8.0	6.7	August	4,523.9	1,097.2	744.1	353.1

Ohio Nonmanufacturing Wage & Salary Employment

(in thousands)

Total Nonmanufacturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
2,748.7	26.8	154.9	213.2	203.5	1975	664.5	173.1	686.3	626.4
2,799.3	28.2	154.2	213.7	208.4	1976	682.4	177.0	703.2	632.2
2,886.0	29.1	162.8	219.1	214.6	1977	703.2	183.4	731.4	642.3
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,255.5	26.4	154.1	202.5	246.5	1985	789.8	218.3	953.3	664.7
					1985				
3,267.3	26.5	172.1	203.2	249.0	August	802.8	221.4	968.2	624.1
3,316.3	26.6	172.6	204.3	249.3	September	807.2	221.0	977.7	657.6
3,337.0	26.5	172.9	204.4	250.3	October	809.9	220.1	974.2	678.7
3,350.0	26.6	166.6	204.3	250.9	November	821.9	221.2	974.6	683.9
3,360.1	26.2	155.7	204.4	251.2	December	838.7	221.6	976.5	685.8
					1986				
3,274.0	25.9	134.9	199.3	249.5	January	802.2	221.3	965.7	675.3
3,272.9	25.4	129.8	199.4	249.4	February	790.3	222.0	972.0	684.7
3,306.7	24.9	135.7	200.4	251.2	March	801.3	223.0	982.1	688.1
3,370.8	25.0	150.9	202.6	253.1	April	821.4	225.1	1,005.4	687.3
3,427.5	25.1	162.5	203.9	254.5	May	836.8	227.4	1,024.9	692.4
3,439.8	25.0	170.8	200.3	255.8	June	843.2	229.9	1,037.9	677.0
3,418.8	25.1	178.2	204.4	255.9	July	843.8	232.5	1,038.1	640.9
3,426.7	24.7	182.1	206.1	256.7	Aug[illegible]	849.7	232.7	1,040.3	634.5

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are pre[illegible]ary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed [illegible]n unrounded figures. All data exclude military personnel.

Employment, Hours & Earnings in Manufacturing in Ohio[a]

Manufacturing Employment (in thousands)				Production Workers in Manufacturing		
Manufacturing	Durable Goods	Nondurable Goods		Production Workers (in thous.)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1,267.5	892.4	375.1	1975	897.8	$201.5	36.2
1,295.3	910.6	384.6	1976	926.1	233.9	38.2
1,344.1	945.2	398.9	1977	958.0	271.2	40.2
1,377.2	974.5	402.7	1978	985.5	302.5	41.5
1,382.3	980.5	401.8	1979	979.0	318.5	40.6
1,264.3	882.6	381.8	1980	867.8	301.9	35.2
1,232.6	860.4	372.2	1981	847.7	330.4	34.7
1,099.9	752.4	347.5	1982	735.7	297.1	29.5
1,066.0	723.6	342.4	1983	721.6	315.4	29.9
1,127.0	773.4	353.6	1984	781.5	362.3	33.1
1,123.1	769.1	354.0	1985	773.4	369.7	32.5
			1985			
1,118.4	761.3	357.2	August	766.0	359.7	31.9
1,121.4	762.6	358.8	September	769.5	368.9	32.5
1,119.8	765.5	354.4	October	768.9	370.9	32.4
1,123.1	768.2	354.9	November	772.9	376.6	32.8
1,123.6	769.5	354.1	December	773.5	387.2	33.3
			1986			
1,119.3	766.7	352.7	January	769.1	375.5	32.5
1,114.2	761.2	353.0	February	764.1	373.4	32.2
1,111.9	759.1	352.7	March	762.5	372.3	32.2
1,110.8	759.6	351.2	April	761.7	366.8	31.8
1,105.7	753.8	351.9	May	757.0	363.5	31.6
1,109.3	756.1	353.2	June	758.9	365.7	31.8
1,096.8	746.5	350.3	July	745.8	354.8	30.9
1,097.2	744.1	353.1	August	746.7	360.6	31.4

Production Workers Average Weekly Earnings				Production Workers Average Weekly Hours				Production Workers Average Hourly Earnings		
Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods		Manufacturing	Durable Goods	Nondurable Goods
$224.47	$228.90	$211.85	1975	40.3	40.3	40.2	1975	$5.57	$5.68	$5.27
252.54	258.75	235.00	1976	41.2	41.4	41.3	1976	6.10	6.25	5.69
283.08	292.02	258.34	1977	42.0	42.2	41.4	1977	6.74	6.92	6.24
306.91	316.83	279.30	1978	42.1	42.3	41.5	1978	7.29	7.49	6.73
325.36	335.30	297.78	1979	41.5	41.6	41.1	1979	7.84	8.06	7.25
347.94	358.57	319.99	1980	40.6	40.7	40.2	1980	8.57	8.81	7.96
389.78	401.64	358.16	1981	40.9	40.9	40.7	1981	9.53	9.82	8.80
403.81	414.80	378.95	1982	40.1	40.0	40.4	1982	10.07	10.37	9.38
437.18	452.35	402.52	1983	41.4	41.5	41.2	1983	10.56	10.90	9.77
463.61	482.38	417.83	1984	42.3	42.5	41.7	1984	10.96	11.35	10.02
477.96	499.56	425.80	1985	42.0	42.3	41.3	1985	11.38	11.81	10.31
			1985				1985			
469.54	489.81	422.91	August	41.7	41.9	41.3	August	11.26	11.69	10.24
479.39	500.74	430.54	September	42.2	42.4	41.8	September	11.36	11.81	10.30
482.35	505.33	424.98	October	42.2	42.5	41.3	October	11.43	11.89	10.29
487.18	508.22	434.93	November	42.4	42.6	41.7	November	11.49	11.93	10.43
500.52	526.44	439.10	December	43.0	43.4	42.1	December	11.64	12.13	10.43
			1986				1986			
488.25	511.70	434.51	January	42.2	42.5	41.7	January	11.57	12.04	10.42
488.68	512.90	432.41	February	42.2	42.6	41.3	February	11.58	12.04	10.47
488.25	512.48	433.46	March	42.2	42.6	41.4	March	11.57	12.03	10.47
481.54	504.71	426.59	April	41.8	42.2	40.9	April	11.52	11.96	10.43
480.28	499.80	434.89	May	41.8	42.0	41.3	May	11.49	11.90	10.53
481.85	500.99	439.71	June	41.9	42.1	41.6	June	11.50	11.90	10.57
475.69	491.00	438.19	July	41.4	41.4	41.3	July	11.49	11.86	10.61
483.00	502.18	439.30	August	42.0	42.2	41.6	August	11.50	11.90	10.56

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[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment & Average Weekly Earnings in Selected Major Manufacturing Industries in Ohio[a]

Employment

(in thousands)

Stone, Clay & Glass Products	Primary Metal Industies	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
65.0	151.5	150.9	1975	207.7	112.3	140.8	1975	73.5	64.8	94.8
66.3	154.6	157.9	1976	205.9	115.5	143.0	1976	73.8	64.5	98.2
67.1	157.7	166.5	1977	210.7	120.9	151.8	1977	74.4	65.4	107.4
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	102.7	138.9	1985	166.2	90.5	151.7	1985	62.7	66.6	91.0
			1985				1985			
51.2	99.0	137.2	August	164.2	89.8	150.5	August	65.5	66.8	90.5
51.4	98.5	139.1	September	164.0	89.2	150.9	September	65.9	66.9	91.4
51.2	99.0	138.7	October	163.4	89.1	154.5	October	63.3	67.1	91.3
51.0	101.3	138.6	November	162.9	88.1	157.2	November	62.9	67.5	91.7
49.8	102.7	137.3	December	163.4	89.0	158.3	December	63.0	67.6	91.1
			1986				1986			
49.3	103.0	136.6	January	163.0	89.1	157.9	January	62.6	67.3	90.8
48.7	102.8	136.0	February	160.7	88.2	156.3	February	62.4	67.1	91.7
48.6	102.6	136.7	March	160.2	87.7	154.2	March	62.3	67.3	91.7
50.0	102.5	136.2	April	159.7	88.4	153.3	April	61.6	67.3	91.4
50.0	101.7	135.8	May	158.6	87.7	149.7	May	62.8	67.3	90.9
50.5	100.3	135.9	June	158.2	87.7	152.8	June	63.5	67.3	91.3
50.3	96.9	133.6	July	156.8	87.1	152.3	July	63.8	67.3	88.7
50.5	94.4	133.6	August	156.5	88.1	150.1	August	66.5	67.1	88.5

Average Weekly Earnings of Production Workers

Stone, Clay & Glass Products	Primary Metal Industies	Fabricated Metal Products		Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment		Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
$207.55	$256.46	$224.96	1975	$228.25	$201.30	$263.22	1975	$222.68	$226.95	$213.31
232.40	294.58	256.68	1976	253.31	221.54	302.87	1976	242.92	252.20	237.30
253.95	329.54	290.44	1977	279.18	248.44	359.20	1977	258.54	271.96	263.97
274.81	366.24	307.23	1978	306.16	268.45	389.66	1978	281.15	285.18	282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
			1985				1985			
439.74	552.30	468.86	August	469.14	430.77	612.76	August	413.27	397.97	422.42
439.95	553.50	487.39	September	478.13	435.59	638.17	September	423.47	403.52	431.63
441.84	541.86	490.98	October	478.41	446.71	653.05	October	408.93	399.36	426.38
441.21	549.67	496.93	November	476.72	449.77	648.70	November	404.33	411.08	437.68
441.60	565.30	519.50	December	489.46	466.99	677.37	December	405.87	424.51	443.23
			1986				1986			
437.22	555.59	500.65	January	480.11	454.30	649.52	January	405.32	403.37	442.96
434.84	561.19	496.18	February	483.51	460.06	652.24	February	402.98	400.62	438.44
446.37	550.78	506.32	March	489.20	459.80	644.67	March	395.39	408.67	438.60
444.11	546.40	495.01	April	482.22	452.79	632.60	April	399.10	398.91	423.43
446.37	547.80	486.36	May	481.20	451.28	620.54	May	419.67	407.33	433.15
443.56	546.89	494.06	June	483.07	450.58	616.40	June	417.91	402.80	443.66
442.24	548.05	472.65	July	473.30	448.11	600.66	July	431.04	406.75	431.38
448.36	568.16	489.41	August	479.45	455.36	616.83	August	427.42	411.86	436.54

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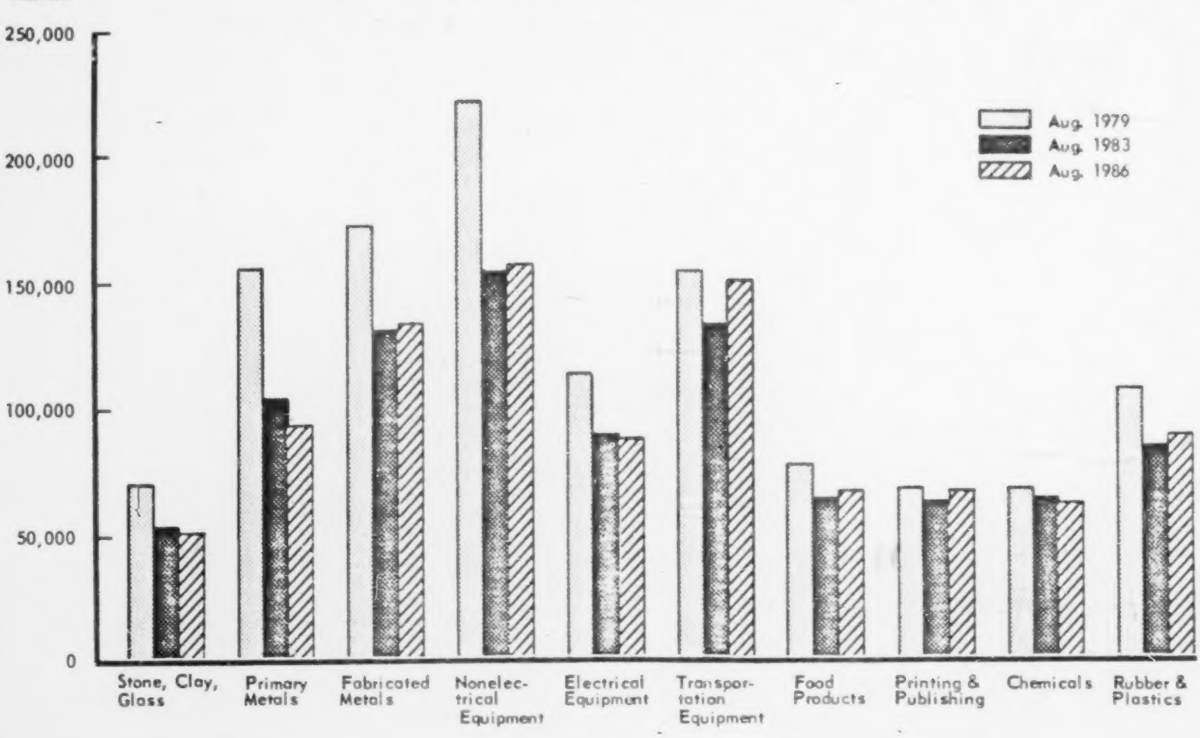
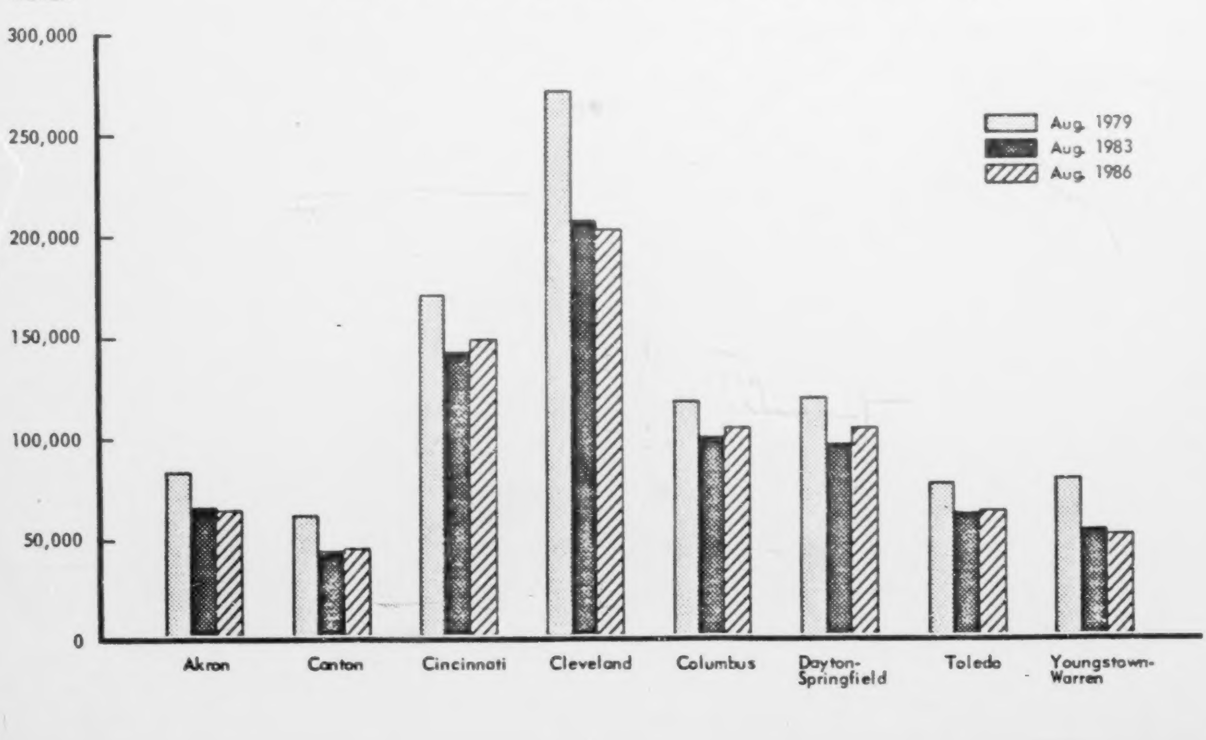
[a] Estimated in cooperation with the U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision

EMPLOYMENT IN MAJOR MANUFACTURING INDUSTRIES



MANUFACTURING EMPLOYMENT IN METROPOLITAN AREAS



Ohio

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	4523.9	4515.6	4385.8	8.3	138.2
MANUFACTURING	1097.2	1096.8	1118.4	.4	- 21.2
Durable Goods[e]	744.1	746.5	761.3	- 2.3	- 17.1
Lumber and wood products	18.9	18.7	17.8	.2	1.1
Furniture and fixtures	14.9	14.3	14.4	.6	.5
Stone, clay, and glass products	50.5	50.3	51.2	.2	- .7
Glass and glassware, pressed or blown	11.3	10.9	11.3	.4	.0
Primary metal industries	94.4	96.9	99.0	- 2.5	- 4.6
Blast furnace and basic steel products	43.1	45.4	43.3	- 2.3	- .2
Iron and steel foundries	19.6	20.2	21.3	- .6	- 1.7
Nonferrous rolling and drawing	17.9	17.5	18.7	.4	- .8
Fabricated metal products	133.6	133.6	137.2	- .1	- 3.7
Cutlery, hand tools, and hardware	10.0	10.0	11.2	.0	- 1.1
Fabricated structural metal products	28.7	28.6	28.9	-.0	- .3
Metal forgings and stampings	40.3	41.3	42.1	- 1.0	- 1.7
Machinery, except electrical	156.5	156.8	164.2	- .3	- 7.6
Construction and related machinery	13.4	13.6	15.1	- .2	- 1.7
Metalworking machinery	40.8	40.6	42.1	.2	- 1.3
Special industry machinery	16.1	16.3	18.5	- .2	- 2.4
General industrial machinery	28.5	28.5	30.3	- .1	- 1.9
Office and computing machines	13.7	14.0	13.7	- .2	.0
Refrigeration and service machinery	16.2	16.2	15.9	.0	.3
Electric and electronic equipment	88.1	87.1	89.8	.9	- 1.7
Electrical industrial apparatus	16.9	16.9	18.1	.1	- 1.1
Household appliances	17.0	16.7	17.0	.3	.0
Electric lighting and wiring equipment	17.2	17.1	17.4	.0	- .3
Communication equipment	9.9	9.7	10.6	.1	- .7
Transportation equipment	150.1	152.3	150.5	- 2.3	- .5
Motor vehicles and equipment	93.6	95.8	97.4	- 2.2	- 3.8
Aircraft and parts	47.8	47.6	44.4	.2	3.4
Instruments and related products	22.9	22.2	22.8	.7	.0
Measuring and controlling devices	12.6	11.9	12.2	.7	.4
Nondurable Goods[f]	353.1	350.3	357.2	2.7	- 4.1
Food and kindred products	66.5	63.8	65.5	2.7	.9
Meat products	10.3	10.4	10.2	- .1	.1
Dairy products	9.8	9.9	10.0	- .1	- .2
Preserved fruits and vegetables	13.4	10.6	12.6	2.8	.8
Bakery products	9.0	9.0	9.1	.0	- .1
Beverages	10.5	10.4	10.5	.1	.0
Apparel and other textile products	16.0	15.5	16.7	.5	- .7
Paper and allied products	35.8	35.8	36.9	- .1	- 1.1
Misc. converted paper products	12.0	11.8	12.1	.2	- .1
Paperboard containers and boxes	11.4	11.5	12.0	- .1	- .5
Printing and publishing	67.1	67.3	66.8	- .2	.3
Newspapers	18.8	18.9	18.6	.0	.3
Commercial printing	25.9	25.8	25.0	.1	.9
Chemicals and allied products	61.9	61.9	62.8	.0	- .9
Industrial inorganic chemicals	9.4	9.3	10.2	.1	- .8
Rubber and misc. plastics products	88.5	88.7	90.5	- .2	- 2.0
Tires and inner tubes	18.3	18.6	19.5	- .3	- 1.2
Miscellaneous plastics products	50.9	51.2	51.1	- .3	- .2

See footnotes on page 13.

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
NONMANUFACTURING	3426.7	3418.8	3267.3	7.9	159.4
MINING	24.7	25.1	26.5	- .3	- 1.8
Bituminous coal and lignite mining	10.4	10.6	11.0	- .2	- .6
Oil and gas extraction	9.5	9.7	11.0	- .2	- 1.4
CONSTRUCTION	182.1	178.2	172.1	3.9	10.0
General building contractors	45.4	44.9	42.1	.4	3.3
Heavy construction contractors	27.5	26.3	25.7	1.2	1.8
Highway and street construction	12.9	12.2	11.8	.7	1.1
Special trade contractors	109.3	106.9	104.3	2.3	4.9
TRANSPORTATION AND PUBLIC UTILITIES	206.1	204.4	203.2	1.7	3.0
Railroad transportation	16.0	16.1	17.4	- .1	- 1.4
Transportation, except railroads	101.0	100.0	94.8	1.0	6.2
Trucking and warehousing	72.5	71.7	67.4	.7	5.0
Communication, electric, gas services	89.2	88.3	91.0	.9	- 1.8
Communication	47.9	48.0	49.7	- .2	- 1.8
Electric, gas, and sanitary services	41.3	40.3	41.3	1.1	.0
WHOLESALE TRADE	256.7	255.9	249.0	.8	7.6
Wholesale trade-durable goods	163.3	162.9	158.6	.4	4.7
Motor vehicles & automotive equipment	25.5	25.5	24.4	.1	1.2
Electrical goods	21.2	21.2	20.6	.0	.6
Machinery, equipment, and supplies	68.6	68.5	66.5	.1	2.1
Wholesale trade-nondurable goods	93.4	93.0	90.5	.3	2.9
Groceries and related products	29.2	29.1	28.0	.1	1.2
RETAIL TRADE	849.7	843.8	802.8	5.9	46.9
General merchandise stores	113.9	113.0	110.3	.9	3.5
Department stores	104.2	103.4	101.0	.8	3.2
Food stores	129.8	129.5	126.2	.2	3.6
Automotive dealers & service stations	95.6	95.2	89.2	.3	6.4
Apparel and accessory stores	39.7	38.8	36.9	.9	2.7
Eating and drinking places	306.0	303.6	288.6	2.4	17.5
FINANCE, INSURANCE, AND REAL ESTATE	232.7	232.5	221.4	.2	11.3
Banking	63.4	63.4	60.8	.0	2.6
Credit agencies other than banks	36.6	36.5	34.4	.2	2.2
Insurance carriers	59.8	59.8	58.7	.0	1.2
Life insurance	21.1	21.2	21.7	.0	- .6
Fire, marine, and casualty insurance	28.8	28.8	27.9	.0	.8
SERVICES	1040.3	1038.1	968.2	2.1	72.1
Hotels and other lodging places	37.0	36.6	35.1	.4	1.9
Personal services	56.0	56.0	51.5	.0	4.5
Laundry, cleaning, & garment services	18.9	19.0	17.7	- .1	1.2
Business services	203.2	200.6	178.9	2.6	24.3
Services to buildings	29.7	29.2	26.3	.4	3.3
Computer and data processing services	19.7	19.5	16.2	.2	3.6
Amusement and recreation services	56.7	56.8	52.0	- .1	4.7
Health services	345.2	345.1	331.6	.2	13.6
Nursing and personal care facilities	74.2	73.8	71.6	.3	2.6
Hospitals	171.5	171.9	167.0	- .5	4.5
Educational services	50.1	51.1	46.7	- 1.0	3.4
Colleges and universities	26.5	27.0	22.1	- .4	4.4
GOVERNMENT	634.5	640.9	624.1	- 6.4	10.3
Federal government	93.4	93.5	93.1	- .1	.3
State government	130.4	132.0	125.7	- 1.6	4.7
State government education	56.5	57.9	54.4	- 1.3	2.1
State government, except education	73.9	74.1	71.2	- .2	2.6
Local government	410.7	415.4	405.4	- 4.7	5.3
Local government education	217.8	220.1	213.3	- 2.3	4.5
Local government, except education	192.9	195.3	192.1	- 2.4	.8

See footnotes on page 13.

Ohio

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$483.00	$475.69	$469.54	42.0	41.4	41.7	$11.50	$11.49	$11.26
Durable Goods[e]	502.18	491.00	489.81	42.2	41.4	41.9	11.90	11.86	11.69
Lumber and wood products	307.85	297.25	287.28	42.0	41.4	39.3	7.33	7.18	7.31
Furniture and fixtures	336.15	331.50	330.07	40.5	39.7	40.4	8.30	8.35	8.17
Stone, clay, and glass products	448.36	442.24	439.74	41.4	41.1	42.0	10.83	10.76	10.47
Glass and glassware, pressed or blown	469.77	469.53	456.55	41.1	40.9	40.8	11.43	11.48	11.19
Primary metal industries	568.16	548.05	552.30	42.4	41.3	42.0	13.40	13.27	13.15
Blast furnace and basic steel products	579.18	571.46	533.06	42.0	41.5	39.9	13.79	13.77	13.36
Iron and steel foundries	597.62	542.64	594.91	43.4	40.8	44.1	13.77	13.30	13.49
Nonferrous rolling and drawing	578.61	559.60	596.98	41.3	40.0	42.1	14.01	13.99	14.18
Fabricated metal products	489.41	472.65	468.86	42.3	41.1	41.2	11.57	11.50	11.38
Cutlery, hand tools, and hardware	461.38	451.62	482.36	39.3	38.6	40.5	11.74	11.70	11.91
Fabricated structural metal products	449.82	429.77	423.58	44.1	42.3	42.4	10.20	10.16	9.99
Metal forgings and stampings	622.22	588.13	575.04	43.3	41.8	41.7	14.37	14.07	13.79
Machinery, except electrical	479.45	473.30	469.14	41.8	41.3	42.0	11.47	11.46	11.17
Construction and related machinery	405.20	399.60	398.99	40.0	39.1	39.7	10.13	10.22	10.05
Metalworking machinery	460.48	460.90	439.30	41.9	41.9	41.6	10.99	11.00	10.56
Special industry machinery	458.39	456.04	470.41	41.9	41.8	43.8	10.94	10.91	10.74
General industrial machinery	484.92	493.85	493.11	41.2	41.5	42.4	11.77	11.90	11.63
Office and computing machines	396.35	388.74	381.74	42.3	41.8	42.7	9.37	9.30	8.94
Refrigeration and service machinery	571.55	570.26	556.33	42.4	41.9	42.5	13.48	13.61	13.09
Electric and electronic equipment	455.36	448.11	430.77	41.7	41.3	40.6	10.92	10.85	10.61
Electrical industrial apparatus	424.36	437.38	422.99	40.3	40.8	40.4	10.53	10.72	10.47
Household appliances	498.67	468.54	447.58	43.1	41.5	41.1	11.57	11.29	10.89
Electric lighting and wiring equipment	450.96	426.10	422.40	40.7	39.6	40.0	11.08	10.76	10.56
Communication equipment	484.79	462.84	502.68	41.4	40.6	42.6	11.71	11.40	11.80
Transportation equipment	616.83	600.60	612.76	43.5	42.6	43.8	14.18	14.10	13.99
Motor vehicles and equipment	635.81	619.65	644.81	43.4	42.5	44.5	14.65	14.58	14.49
Aircraft and parts	592.16	575.04	543.54	45.1	44.2	42.2	13.13	13.01	12.88
Instruments and related products	355.21	356.31	355.25	39.6	39.9	40.6	8.97	8.93	8.75
Measuring and controlling devices	340.96	351.00	347.99	37.8	39.0	39.1	9.02	9.00	8.90
Nondurable Goods[f]	439.30	438.19	422.91	41.6	41.3	41.3	10.56	10.61	10.24
Food and kindred products	427.42	431.04	413.27	43.0	42.3	42.3	9.94	10.19	9.77
Meat products	406.01	402.97	381.97	41.9	41.5	41.7	9.69	9.71	9.16
Dairy products	460.08	464.71	452.76	43.2	44.3	44.0	10.65	10.49	10.29
Preserved fruits and vegetables	406.80	384.89	385.75	45.1	40.6	43.1	9.02	9.48	8.95
Bakery products	459.55	471.83	431.59	40.1	41.1	38.5	11.46	11.48	11.21
Beverages	425.29	438.04	412.83	41.9	42.2	41.7	10.15	10.38	9.90
Apparel and other textile products	268.93	270.85	247.78	37.3	36.9	36.6	7.21	7.34	6.77
Paper and allied products	488.40	496.15	466.47	44.4	44.9	43.8	11.00	11.05	10.65
Misc. converted paper products	460.47	465.88	430.57	45.1	45.1	42.8	10.21	10.33	10.06
Paperboard containers and boxes	415.11	414.39	404.80	42.1	41.9	42.7	9.86	9.89	9.48
Printing and publishing	411.86	406.75	397.97	38.6	38.3	38.6	10.67	10.62	10.31
Newspapers	346.12	349.17	333.74	34.1	33.9	34.3	10.15	10.30	9.73
Commercial printing	424.85	401.95	404.19	40.5	39.1	39.9	10.49	10.28	10.13
Chemicals and allied products	512.05	502.94	487.72	41.8	41.6	41.9	12.25	12.09	11.64
Industrial inorganic chemicals	554.86	550.12	525.62	41.5	41.3	41.0	13.37	13.32	12.82
Rubber and misc. plastics products	436.54	431.38	422.42	42.3	41.8	41.7	10.32	10.32	10.13
Tires and inner tubes	657.95	633.25	594.06	46.4	45.2	44.7	14.18	14.01	13.29
Miscellaneous plastics products	416.49	412.93	407.95	41.9	41.5	41.0	9.94	9.95	9.95

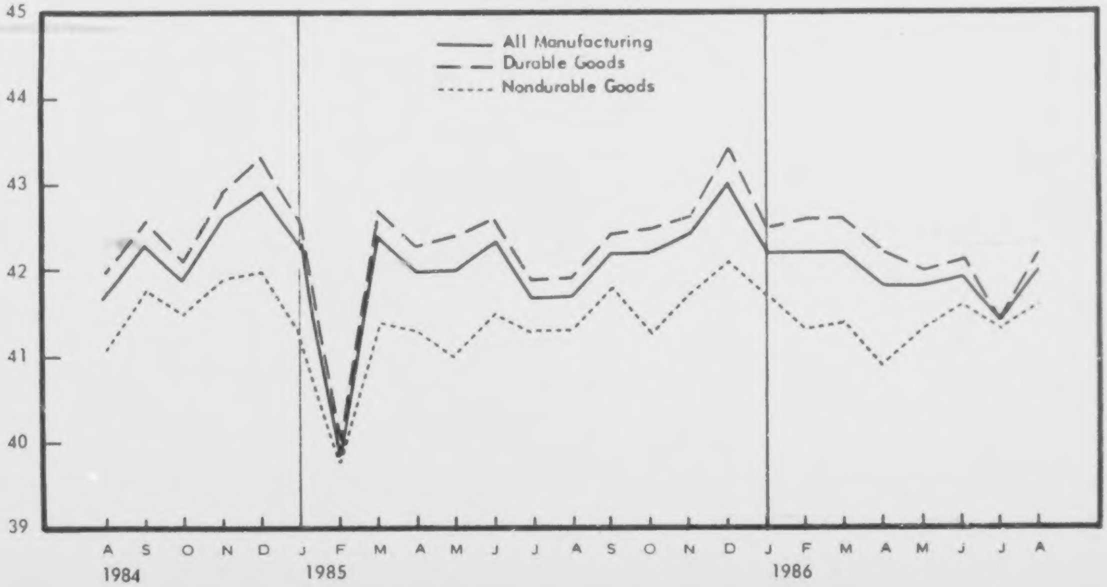
See footnotes on page 13.

Hours & Earnings of Production or Nonsupervisory Workers[a]

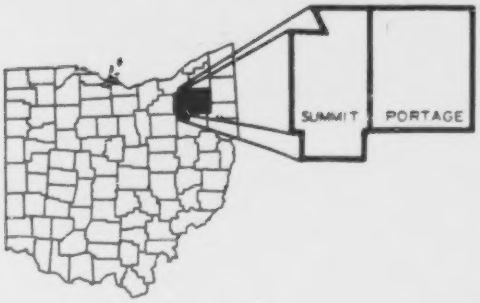
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1966[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MINING	$522.33	$512.00	$499.68	43.6	43.5	43.3	$11.98	$11.77	$11.54
Bituminous coal and lignite mining	614.85	591.14	596.11	41.6	40.6	39.9	14.78	14.56	14.94
CONSTRUCTION	600.89	564.71	585.49	39.9	37.9	38.8	15.06	14.90	15.09
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	536.61	543.58	522.70	40.9	41.4	40.9	13.12	13.13	12.78
Communication	524.88	541.03	519.27	40.5	41.3	40.6	12.96	13.10	12.79
Electric, gas, and sanitary services	549.70	547.87	527.40	41.3	41.6	41.3	13.31	13.17	12.77
WHOLESALE TRADE	369.18	368.68	346.82	39.4	39.6	39.1	9.37	9.31	8.87
Wholesale trade-durable goods	365.11	363.92	345.71	39.[illegible]	39.6	39.6	9.22	9.19	8.73
Wholesale trade-nondurable goods	376.53	375.65	350.59	39.1	39.5	38.4	9.63	9.51	9.13
RETAIL TRADE[h]	159.35	160.52	160.08	29.4	29.4	29.7	5.42	5.46	5.39
General merchandise stores	186.29	188.17	175.76	31.1	31.0	30.2	5.99	6.07	5.82
Department stores	191.56	193.44	179.98	31.3	31.1	30.3	6.12	6.22	5.94
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	248.94	247.26	233.73	....	....	....	.....	.....	.....
Credit agencies other than banks	244.56	240.40	232.96	....	....	....	.....	.....	.....
Insurance carriers	326.39	325.98	307.56	....	....	....	.....	.....	.....
SERVICES	......	......	......	....	....	....	.....	.....	.....
Health services	......	......	......	....	....	....	.....	.....	.....
Hospitals	320.26	320.82	311.22	33.5	33.7	34.2	9.56	9.52	9.10

[a] See Technical Notes for concepts [b] Preliminary [c] Revised [d] Based on unrounded figures [e] Includes miscellaneous manufacturing [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products [h] Money payments only, tips not included [i] Includes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN OHIO MANUFACTURING INDUSTRIES



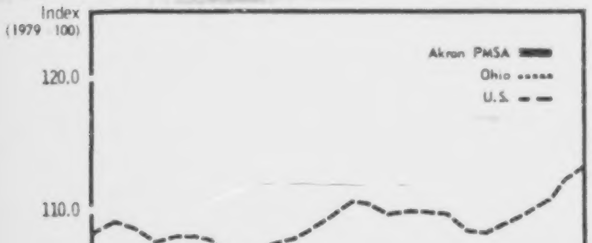
AKRON
PRIMARY METROPOLITAN STATISTICAL AREA



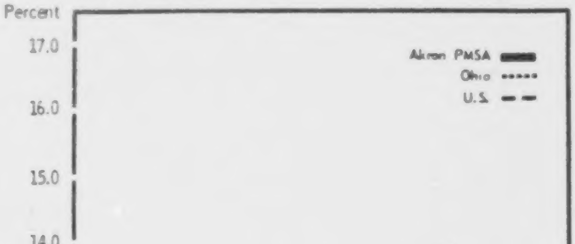
Nonagricultural wage and salary employment in the Akron metropolitan area totaled 264,900 in August, down 200 from July. Manufacturing employment declined 200 from July to 65,400. A decline in tires and inner tubes accounted for the decrease. Employment in nonmanufacturing was unchanged over the month. Scattered gains were mostly offset by a seasonal decline in local government employment. Production workers averaged a 43.5 hour workweek, up .9 hours from July. Their average hourly earnings were $11.25, an increase of $.15 from the previous month.

Nonfarm employment advanced 8,300 from August 1985. Nearly all nonmanufacturing industries registered some growth. Substantial gains in services, particularly business and amusement and recreation services; retail trade; and construction accounted for most of the expansion. Reductions in tires and inner tubes contributed most to the loss of 1,500 manufacturing jobs.

INDEXES OF TOTAL EMPLOYMENT
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
AKRON PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



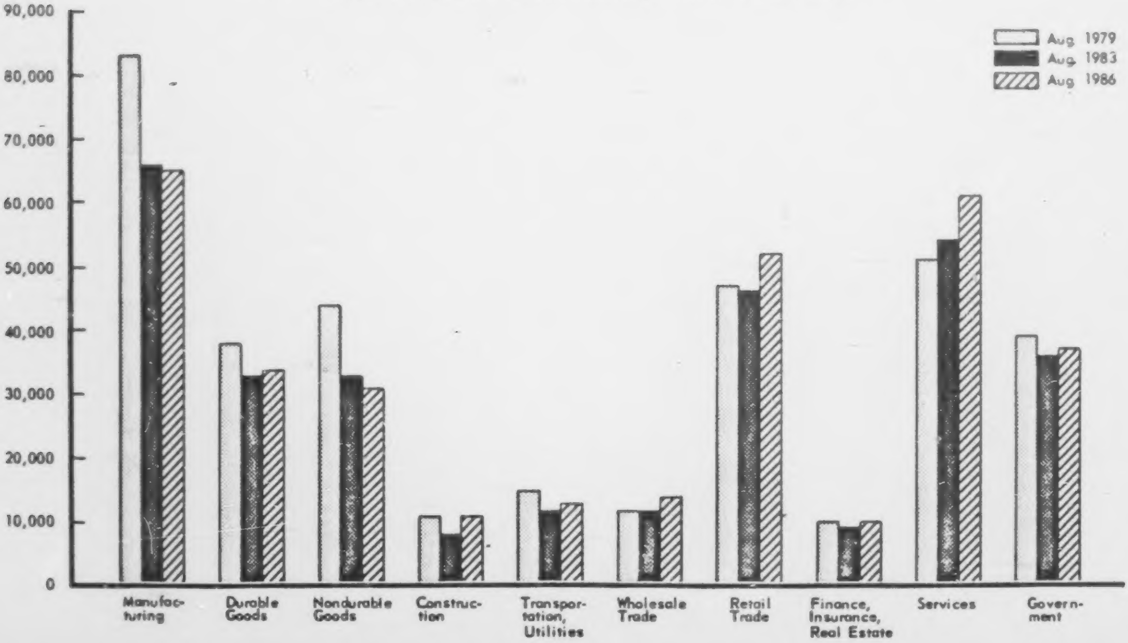
Akron PMSA -Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
292.0	264.3	27.7	9.5	1975	248.4	84.5	48.4	$232.63	41.1	$ 5.66
291.3	266.3	25.0	8.6	1976	247.3	80.3	44.5	253.44	42.1	6.02
294.2	274.7	19.5	6.6	1977	259.3	85.6	49.2	285.53	42.3	6.75
298.9	282.2	16.7	5.6	1978	266.6	85.9	49.4	304.14	42.3	7.19
303.8	285.4	18.4	6.1	1979	270.9	85.6	53.8	321.57	41.6	7.73
304.5	278.3	26.2	8.6	1980	262.4	79.1	47.5	361.88	41.5	8.72
304.1	274.9	29.1	9.6	1981	259.5	75.7	43.7	397.10	41.8	9.50
303.9	268.0	35.9	11.8	1982	248.8	68.3	36.9	403.03	41.0	9.83
302.5	265.2	37.3	12.3	1983	244.7	65.2	33.4	452.12	43.1	10.49
316.4	285.8	30.6	9.7	1984	252.2	67.9	38.0	470.65	43.7	10.77
316.4	288.5	27.9	8.8	1985	258.3	67.9	37.3	475.20	43.2	11.00
				1985						
320.2	292.6	27.6	8.6	July	257.6	68.1	37.0	468.17	42.6	10.99
319.7	292.0	27.7	8.7	August	256.5	66.9	36.1	449.21	42.1	10.67
322.6	292.9	29.6	9.2	September	263.2	67.4	36.8	475.76	42.9	11.09
321.8	293.4	28.4	8.8	October	263.1	67.0	36.7	463.94	42.1	11.02
322.1	293.3	28.9	9.0	November	264.0	67.2	36.9	474.29	43.0	11.03
319.9	293.0	26.9	8.4	December	264.3	66.8	36.7	494.36	44.1	11.21
				1986						
316.2	287.3	29.0	9.2	January	257.9	66.4	36.2	473.97	42.7	11.10
323.0	293.4	29.6	9.2	February	258.5	66.5	36.2	479.70	43.1	11.13
323.8	297.7	26.1	8.1	March	260.6	66.6	36.2	485.90	43.5	11.17
323.2	297.2	26.0	8.1	April	264.6	66.5	36.1	476.87	43.0	11.09
321.2	297.7	23.5	7.3	May	268.9	66.4	36.0	475.58	43.0	11.06
323.0	296.6	26.4	8.2	June	267.1	66.5	36.1	492.12	43.9	11.21
324.9	301.7	23.3	7.2	July	265.1	65.6	35.2	472.86	42.6	11.10
INA	INA	INA	INA	August	264.9	65.4	35.2	489.38	43.5	11.25

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Akron PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	264.9	265.1	256.5	- .2	8.3
MANUFACTURING	65.4	65.6	66.9	- .2	- 1.5
Durable Goods[e]	34.1	34.1	34.4	.1	- .3
Fabricated metal products	12.1	12.0	12.1	.1	.0
Machinery, except electrical	9.0	9.0	9.4	- .1	- .4
Metalworking machinery	3.0	3.0	3.1	.0	- .1
Nondurable Goods[f]	31.2	31.5	32.5	- .2	- 1.2
Food and kindred products	2.6	2.6	2.8	.0	- .2
Chemicals and allied products	2.7	2.7	2.7	.0	.0
Rubber and misc. plastics products	20.4	20.7	21.7	- .3	- 1.3
Tires and inner tubes	13.7	14.1	14.9	- .3	- 1.2
NONMANUFACTURING[g]	199.5	199.5	189.7	.0	9.8
CONSTRUCTION	10.9	10.6	9.5	.3	1.4
TRANSPORTATION AND PUBLIC UTILITIES	13.3	13.2	12.8	.1	.5
Communication, electric, gas services	5.4	5.3	5.3	.1	.1
WHOLESALE TRADE	14.2	14.2	13.6	.0	.7
RETAIL TRADE	52.4	52.1	49.6	.2	2.8
General merchandise stores	6.7	6.8	6.5	- .1	.2
FINANCE, INSURANCE, AND REAL ESTATE	10.3	10.3	9.7	.0	.6
Banking	3.3	3.3	3.1	.0	.2
SERVICES	60.6	60.6	56.8	.0	3.8
Business services	12.1	12.0	10.7	.1	1.4
Amusement and recreation services	5.5	5.5	4.4	- .1	1.1
Health services	17.2	17.3	17.5	- .1	.3
GOVERNMENT	37.1	37.7	36.9	- .6	.3
State government	10.7	10.7	10.4	.0	.3
State government education[i]	7.6	7.6	7.4	.0	.2
State government, except education	3.1	3.1	3.0	.0	.1
Local government	24.1	24.7	24.2	- .6	- .2
Local government education	12.0	12.0	12.0	.0	.0
Local government, except education	12.1	12.7	12.3	- .6	- .2

Akron PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

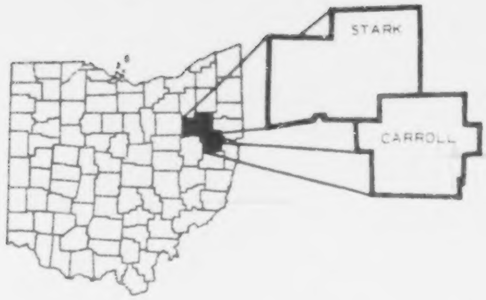
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$489.38	$472.86	$449.21	43.5	42.6	42.1	$11.25	$11.10	$10.67
Durable Goods[e]	507.32	479.52	457.29	44.0	42.7	41.8	11.53	11.23	10.94
Fabricated metal products	645.39	565.62	515.51	46.7	42.4	39.9	13.82	13.34	12.92
Machinery, except electrical	439.12	441.00	426.45	44.0	44.1	44.1	9.98	10.00	9.67
Metalworking machinery	469.40	462.07	408.75	46.8	46.3	43.3	10.03	9.98	9.44
Nondurable Goods[f]	462.01	464.10	436.90	42.7	42.5	42.5	10.82	10.92	10.28
Food and kindred products	448.39	460.06	468.86	40.8	41.9	44.4	10.99	10.98	10.56
Chemicals and allied products	452.79	449.90	437.12	40.5	40.9	40.7	11.18	11.00	10.74
Rubber and misc. plastics products	501.03	496.87	469.04	44.3	43.7	44.0	11.31	11.37	10.66
Tires and inner tubes	733.10	733.10	657.94	49.5	49.5	47.3	14.81	14.81	13.91
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	546.83	559.01	538.33	40.9	41.5	41.0	13.37	13.47	13.13
WHOLESALE TRADE	332.98	325.40	326.32	38.9	38.6	38.3	8.56	8.43	8.52
RETAIL TRADE[h]	193.71	193.08	185.43	31.6	31.6	30.2	6.13	6.11	6.14

[a]See Technical Notes for concepts [b]Preliminary [c]Revised [d]Based on unrounded figures [e]Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, electric and electronic equipment, transportation equipment, instruments and related products, miscellaneous manufacturing [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, printing and publishing, petroleum and coal products, leather and leather products [g]Includes mining [h]Money payments only, tips not included [i]Includes State universities [j]Excludes the agricultural extension service and the Ohio Department of Education [k]Depressed due to labor-management disputes

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	3,032	4,009	2,937
Active File of Job Seekers	22,211	21,813	19,222
Referrals to Jobs	1,762	1,703	1,664
Placements	341	1,852	482
Job Openings Received	948	1,680	746
Job Openings Unfilled	1,552	1,298	1,564
Unemployment Insurance Program			
Initial Claims	3,346	3,515	3,364
Continued Claims	26,877	32,923	26,004
First Payments	1,409	1,208	1,674
Last Payments	394	510	461
Weeks Compensated	18,959	20,985	22,988
Benefits Paid	$2,691,535	$2,946,050	$3,272,019
Average Weekly Payment	$145.62	$144.07	$146.70

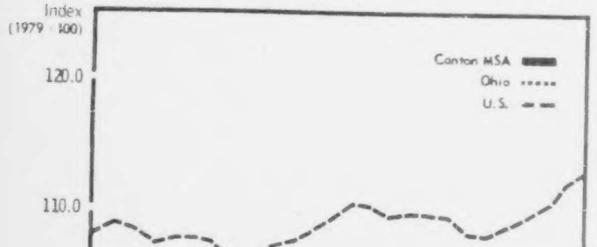
CANTON
METROPOLITAN STATISTICAL AREA



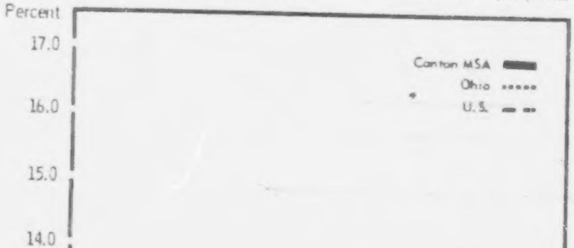
Nonagricultural wage and salary employment in the Canton area totaled 157,500 in August, a decrease of 100 from the July level. Nonmanufacturing employment declined slightly, while employment in manufacturing remained constant at 45,000. A decline in primary metal industries negated the growth in nondurable goods. Manufacturing production workers averaged 40.4 hours per week, up .3 hours from last month. They earned an average of $11.24 per hour, an increase of $.03 from July.

Nonagricultural employment recorded a growth of 4,500 from August 1985. Virtually all of the nonmanufacturing divisions registered an increase. Services, retail trade, and construction were the primary sectors of expansion. Declines in fabricated metal products, metal forgings and stampings, and rubber and miscellaneous plastics products helped reduce manufacturing employment by 1,300.

INDEXES OF TOTAL EMPLOYMENT
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CANTON MSA, OHIO, AND U.S.
(Not Seasonally Adjusted)



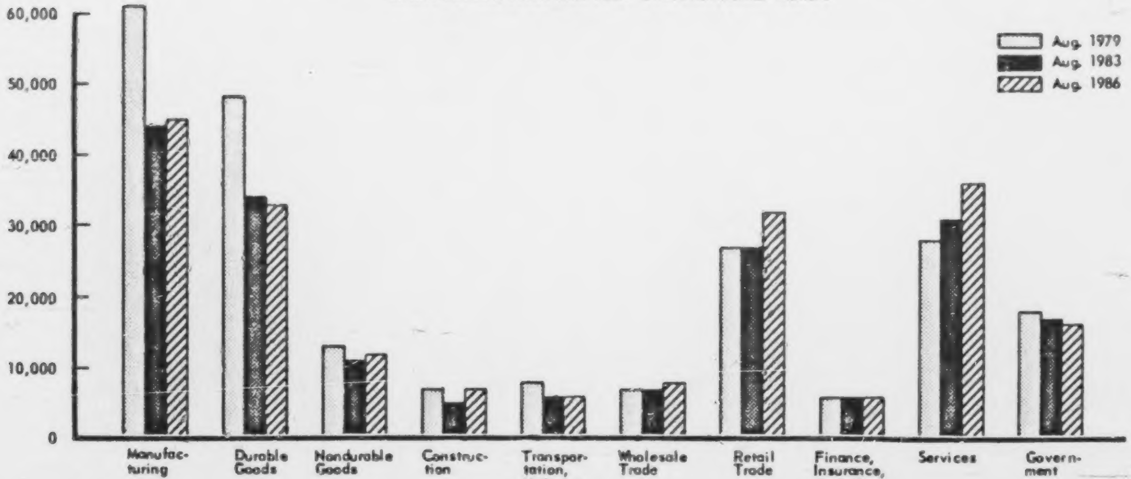
Canton MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
		Total	Rate					Hours and Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
174.7	158.0	16.7	9.6	1975	145.0	55.3	40.5	$222.22	39.4	$ 5.64
174.4	158.6	15.8	9.1	1976	145.9	54.8	40.4	244.73	39.6	6.18
175.9	163.1	12.9	7.3	1977	149.8	56.0	41.1	273.14	39.7	6.88
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	304.67	40.3	7.56
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83
189.6	169.6	20.0	10.5	1985	152.2	46.3	33.8	435.81	39.8	10.95
				1985						
193.8	172.5	21.3	11.0	July	153.0	46.4	34.0	431.34	39.5	10.92
191.6	172.8	18.8	9.8	August	153.0	46.3	33.5	432.61	39.4	10.98
190.8	170.8	20.0	10.5	September	153.9	46.4	33.4	439.90	40.1	10.97
192.8	171.7	21.1	11.0	October	154.4	45.8	33.0	442.30	40.1	11.03
193.5	172.0	21.5	11.1	November	155.5	46.1	33.2	444.21	40.2	11.05
192.1	171.8	20.3	10.6	December	155.7	46.0	33.1	448.63	40.2	11.16
				1986						
191.3	168.9	22.4	11.7	January	152.3	45.8	32.7	450.32	40.1	11.23
194.3	172.4	21.9	11.3	February	152.7	46.1	33.0	449.65	40.4	11.13
194.4	174.1	20.2	10.4	March	153.2	45.6	32.5	447.12	40.1	11.15
194.4	174.4	19.9	10.3	April	156.0	45.6	32.6	442.89	39.9	11.10
191.8	173.8	18.1	9.4	May	157.6	45.5	32.5	444.09	39.9	11.13
194.5	174.1	20.4	10.5	June	158.2	45.4	32.5	446.88	39.9	11.20
196.3	177.7	18.6	9.5	July	157.6	45.0	32.1	449.52	40.1	11.21
INA	INA	INA	INA	August	157.5	45.0	32.1	454.10	40.4	11.24

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CANTON METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Canton MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	157.5	157.6	153.0	- .1	4.5
MANUFACTURING	45.0	45.0	46.3	.0	- 1.3
Durable Goods[e]	33.2	33.2	34.6	.0	- 1.4
Primary metal industries	11.0	11.2	11.1	- .2	- .1
Fabricated metal products	6.7	6.8	7.4	.0	- .6
Metal forgings and stampings	2.3	2.4	2.8	.0	- .5
Nondurable Goods[f]	11.8	11.8	11.7	.1	.1
Food and kindred products	4.4	4.4	4.3	.0	.1
Rubber and misc. plastics products	2.6	2.6	2.8	.0	- .2
NONMANUFACTURING[g]	112.5	112.7	106.7	- .1	5.8
CONSTRUCTION	6.7	6.7	6.1	.0	.6
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	6.0	.0	.1
Communication, electric, gas services	2.7	2.6	2.8	.0	- .1
WHOLESALE TRADE	8.1	8.0	8.0	.0	.1
Wholesale trade-durable goods	4.5	4.5	4.5	.0	.0
RETAIL TRADE	32.2	32.1	29.3	.1	2.8
General merchandise stores	3.9	3.9	3.5	.0	.4
Food stores	5.4	5.4	5.1	.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	6.3	6.3	6.3	.0	.1
Banking	1.8	1.8	1.8	.0	.0
SERVICES	35.7	35.8	33.3	- .2	2.4
Health services	14.0	14.1	13.9	- .1	.1
GOVERNMENT	16.1	16.3	16.6	- .2	- .5
State government (includes education)	1.7	1.7	1.6	.0	.1
Local government	13.1	13.3	13.7	- .1	- .6
Local government education	7.2	7.2	7.5	.0	- .3
Local government, except education	5.9	6.0	6.2	- .1	- .2

Hours & Earnings of Production or Nonsupervisory Workers[a]

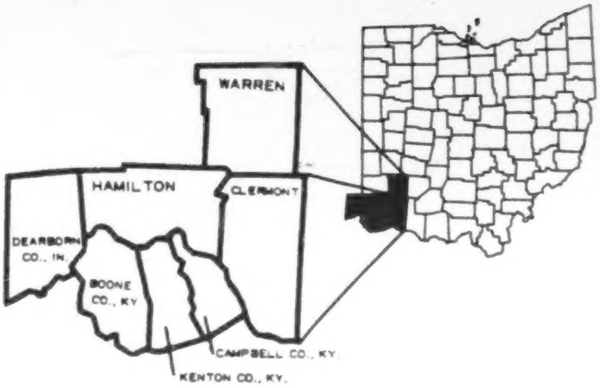
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$454.10	$449.52	$432.61	40.4	40.1	39.4	$11.24	$11.21	$10.98
Durable Goods[e]	473.40	465.96	446.01	40.6	40.1	39.4	11.66	11.62	11.32
Primary metal industries	492.54	478.30	463.13	38.6	37.9	37.5	12.76	12.62	12.35
Fabricated metal products	509.65	490.36	491.06	42.4	41.0	41.3	12.02	11.96	11.89
Metal forgings and stampings	651.29	606.62	649.09	42.1	39.7	43.1	15.47	15.28	15.06
Nondurable Goods[f]	396.81	398.80	392.04	39.8	40.0	39.6	9.97	9.97	9.90
Food and kindred products	415.01	426.22	411.84	39.6	40.4	39.6	10.48	10.55	10.40
Rubber and misc. plastics products	441.83	441.21	436.16	42.2	42.1	42.1	10.47	10.48	10.36
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	533.89	532.59	522.08	40.6	41.0	41.6	13.15	12.99	12.55
WHOLESALE TRADE	339.42	338.42	320.11	35.1	35.4	35.1	9.67	9.56	9.12
RETAIL TRADE[h]	156.29	158.26	159.19	29.6	29.2	29.7	5.28	5.42	5.36

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	1,897	2,304	2,750
Active File of Job Seekers	20,061	20,178	17,731
Referrals to Jobs	981	1,313	2,066
Placements	338	427	882
Job Openings Received	424	714	982
Job Openings Unfilled	400	544	649
Unemployment Insurance Program			
Initial Claims	2,675	3,346	2,926
Continued Claims	17,221	23,532	19,809
First Payments	1,050	910	1,270
Last Payments	414	418	443
Weeks Compensated	15,074	17,255	17,672
Benefits Paid	$2,089,249	$2,330,774	$2,492,012
Average Weekly Payment	$143.37	$139.05	$145.86

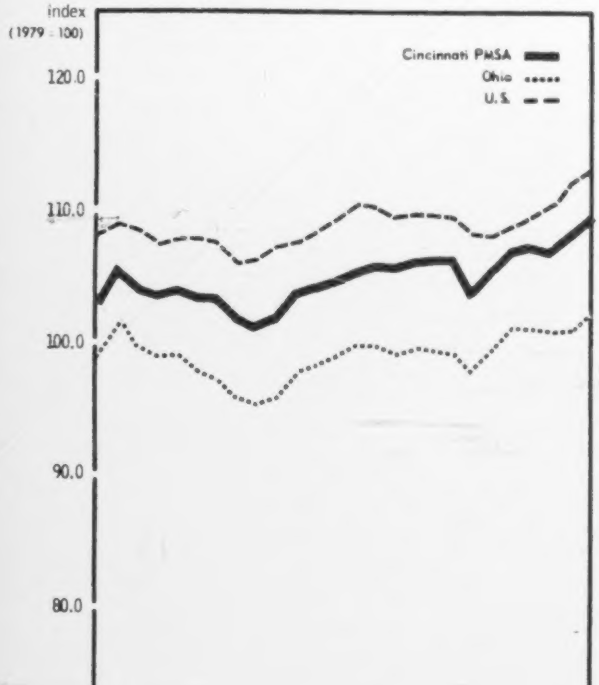
CINCINNATI
PRIMARY METROPOLITAN STATISTICAL AREA



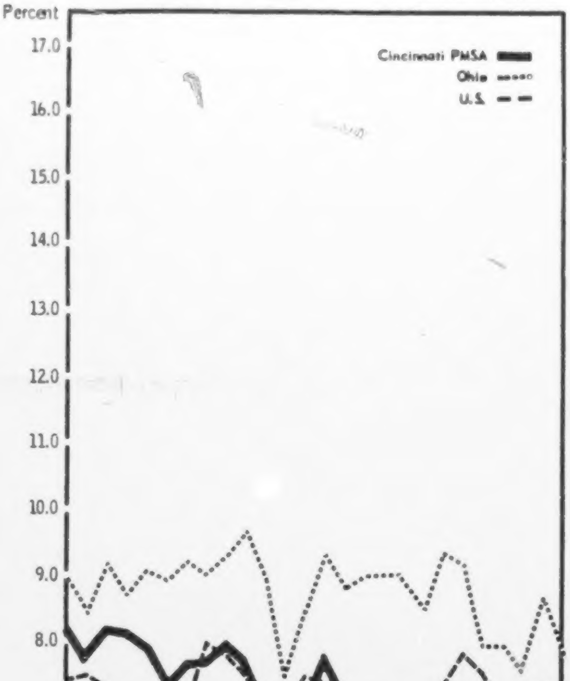
Nonfarm wage and salary employment in the Cincinnati metropolitan area totaled 659,000 in August, up 3,400 from July. Nonmanufacturing employment advanced 1,900 from July, with gains in retail trade, construction, and services. Employment in state and local government declined. Manufacturing employment rose 1,500, to 149,200 due to scattered increases in both durable- and nondurable-goods industries. Production workers in manufacturing earned $10.73 per hour, up $.06. The average workweek was 42.2 hours, up .5 hours.

Since August 1985, nonfarm employment rose 27,600. Gains in retail trade and services contributed most to this growth, although improvements were recorded in most nonmanufacturing divisions. Over the year, manufacturing employment rose 1,100, especially chemicals and allied products and rubber and miscellaneous plastics products.

INDEXES OF TOTAL EMPLOYMENT
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CINCINNATI PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



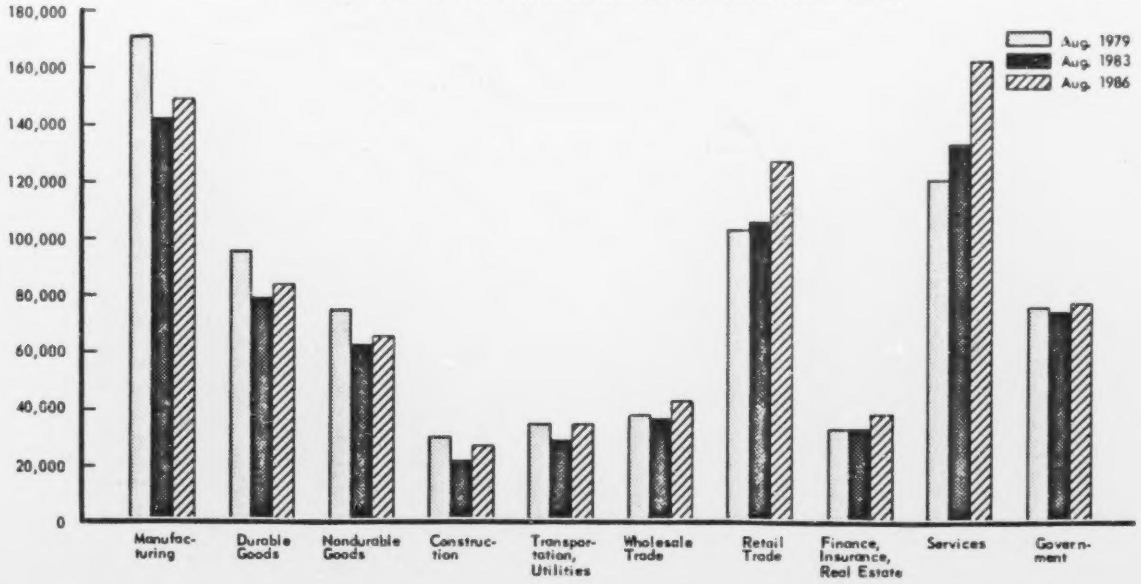
Cincinnati PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
595.3	551.6	43.6	7.3	1975	531.2	153.9	106.3	$211.75	40.8	$ 5.19
604.8	566.6	38.2	6.3	1976	541.9	155.6	107.8	232.22	41.1	5.65
623.4	588.7	34.7	5.6	1977	562.1	161.1	110.7	260.83	41.6	6.27
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	286.70	42.1	6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.6	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
682.0	610.4	71.6	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
708.3	657.3	51.0	7.2	1985	628.2	147.2	96.8	441.74	41.4	10.67
				1985						
719.7	663.9	55.8	7.8	July	630.6	147.5	97.0	428.22	40.9	10.47
716.6	665.7	51.0	7.1	August	631.4	148.1	97.1	431.09	40.9	10.54
714.8	664.7	50.1	7.0	September	638.9	148.9	97.7	444.52	41.7	10.66
718.5	667.4	51.1	7.1	October	639.3	148.5	97.1	442.02	41.7	10.60
718.4	668.5	50.0	7.0	November	642.9	149.5	97.4	452.38	42.2	10.72
716.7	669.1	47.6	6.6	December	645.7	149.5	97.4	459.85	42.5	10.82
				1986						
704.3	653.0	51.4	7.3	January	632.9	148.3	96.3	447.26	41.8	10.70
715.7	663.9	51.8	7.2	February	633.5	148.3	96.2	445.21	41.3	10.78
718.6	672.5	46.1	6.4	March	638.3	147.3	95.1	449.35	41.8	10.75
720.1	674.1	46.0	6.4	April	648.6	146.7	94.3	441.74	41.4	10.67
720.3	671.9	48.4	6.7	May	652.4	144.5	91.9	444.56	41.9	10.61
730.5	679.8	50.6	6.9	June	657.6	148.1	95.3	443.69	41.7	10.64
735.2	688.4	46.8	6.4	July	655.7	147.7	94.6	444.94	41.7	10.67
INA	INA	INA	INA	August	659.0	149.2	96.1	452.81	42.2	10.73

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Cincinnati PMSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	659.0	655.7	631.4	3.4	27.6
MANUFACTURING	149.2	147.7	148.1	1.5	1.1
Durable Goods[e]	83.5	83.0	83.6	.6	-.1
Fabricated metal products	10.8	10.4	10.8	.3	.0
Fabricated structural metal products	3.8	3.7	3.8	.1	-.1
Machinery, except electrical	20.8	21.0	21.6	-.1	-.7
Metalworking machinery	9.0	9.0	9.6	.0	-.7
General industrial machinery	2.9	2.9	2.9	.0	.0
Electric and electronic equipment	7.7	7.6	7.8	.1	-.1
Transportation equipment	28.9	28.9	28.5	.0	.4
Motor vehicles and equipment	8.5	8.7	10.0	-.2	-1.4
Nondurable Goods[f]	65.7	64.8	64.5	.9	1.2
Food and kindred products	13.0	12.8	13.0	.2	.0
Beverages	4.3	4.3	4.2	.0	.1
Apparel and other textile products	3.5	3.3	3.7	.2	-.2
Paper and allied products	6.2	6.2	6.0	.0	.2
Printing and publishing	12.3	12.2	12.4	.1	-.1
Commercial printing	5.4	5.3	5.3	.1	.1
Chemicals and allied products	22.2	22.0	21.3	.2	.9
Rubber and misc. plastics products	5.7	5.5	5.2	.2	.5
NONMANUFACTURING[g]	509.8	507.9	483.3	1.9	26.5
CONSTRUCTION	26.9	26.2	25.4	.7	1.5
TRANSPORTATION AND PUBLIC UTILITIES	34.6	34.5	33.7	.1	.9
Trucking and warehousing	10.5	10.4	9.6	.1	.9
Communication, electric, gas services	14.6	14.6	14.9	.0	-.3
WHOLESALE TRADE	43.2	43.2	41.3	.0	1.9
Wholesale trade-durable goods	25.6	25.7	24.5	-.1	1.1
RETAIL TRADE	127.0	126.0	119.5	1.0	7.6
General merchandise stores	20.2	20.0	18.4	.2	1.8
FINANCE, INSURANCE, AND REAL ESTATE	38.1	37.9	35.8	.1	2.2
Banking	8.4	8.3	8.0	.1	.4
Insurance carriers	11.9	11.9	11.5	.1	.5
SERVICES	162.3	161.6	151.4	.6	10.9
Hotels and other lodging places	7.2	7.0	6.4	.1	.8
Personal services	8.4	8.4	7.5	.0	.9
Business services	38.8	38.0	33.4	.8	5.3
Amusement and recreation services	10.5	10.8	10.6	-.3	-.1
Health services	47.8	47.6	46.7	.2	1.1
GOVERNMENT	77.3	78.0	75.7	-.7	1.6
Federal government	12.9	12.9	12.8	.0	.1
State government	17.4	17.6	16.5	-.2	.9
State government education[h]	9.5	9.6	9.1	-.1	.4
State government, except education	7.9	8.0	7.4	-.1	.5
Local government	47.0	47.5	46.4	-.5	.5
Local government education	24.4	24.7	24.5	-.3	-.1
Local government, except education	22.6	22.8	21.9	-.2	.7

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$452.81	$444.94	$431.09	42.2	41.7	40.9	$10.73	$10.67	$10.54
Durable Goods[e]	452.58	445.71	431.26	42.1	41.5	40.8	10.75	10.74	10.57
Fabricated metal products	421.08	408.21	410.45	44.0	42.7	42.8	9.57	9.56	9.59
Fabricated structural metal products	464.31	472.06	447.63	46.2	46.6	46.1	10.05	10.13	9.71
Machinery, except electrical	422.73	411.27	401.64	42.7	41.5	40.9	9.90	9.91	9.82
Metalworking machinery	476.77	449.90	433.95	43.7	41.2	40.9	10.91	10.92	10.61
General industrial machinery	384.19	382.53	389.25	41.4	41.0	41.9	9.28	9.33	9.29
Electric and electronic equipment	331.04	340.89	358.22	38.9	39.5	40.8	8.51	8.63	8.78
Transportation equipment	624.96	619.99	582.74	43.4	43.6	41.3	14.40	14.22	14.11
Motor vehicles and equipment	643.44	605.21	608.69	42.0	40.7	41.1	15.32	14.87	14.81
Nondurable Goods[f]	454.10	443.72	430.91	42.4	41.9	41.0	10.71	10.59	10.51
Food and kindred products	482.45	487.51	489.22	44.1	44.4	41.6	10.94	10.98	11.76
Beverages	531.63	538.90	494.34	43.9	44.1	42.0	12.11	12.22	11.77
Apparel and other textile products	211.03	197.81	205.84	36.7	35.9	37.7	5.75	5.51	5.46
Paper and allied products	398.16	406.96	400.06	40.3	40.9	42.2	9.88	9.95	9.48
Printing and publishing	446.45	441.39	422.76	39.3	39.2	39.4	11.36	11.26	10.73
Commercial printing	506.60	490.81	469.86	42.5	41.7	41.0	11.92	11.77	11.46
Chemicals and allied products	542.88	509.72	500.40	43.5	42.3	41.7	12.48	12.05	12.00
Rubber and misc. plastics products	425.82	421.35	346.93	47.0	46.1	41.4	9.06	9.14	8.38
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	515.01	527.12	509.75	39.8	40.3	39.7	12.94	13.08	12.84
WHOLESALE TRADE	387.04	391.52	375.87	41.0	41.3	40.9	9.44	9.48	9.19
RETAIL TRADE[h]	164.05	163.90	164.46	30.1	29.8	30.4	5.45	5.50	5.41
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	250.89	254.18	233.77	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, stone, clay, and glass products, primary metal industries, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities[a]

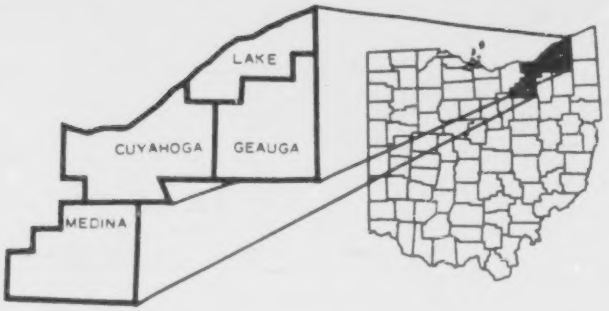
	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	3,823	4,574	5,142
Active File of Job Seekers	26,682	27,362	23,810
Referrals to Jobs	1,984	2,556	2,341
Placements	662	560	511
Job Openings Received	1,954	1,449	1,447
Job Openings Unfilled	2,380	1,825	2,905
Unemployment Insurance Program			
Initial Claims	5,315	5,184	5,448
Continued Claims	38,207	44,698	40,296
First Payments	2,231	2,007	3,425
Last Payments	656	911	812
Weeks Compensated	32,944	33,595	36,924*
Benefits Paid	$4,664,310	$4,751,523	$5,196,603*
Average Weekly Payment	$144.53	$143.98	$143.77

*Revised

[a] Ohio data only

CLEVELAND

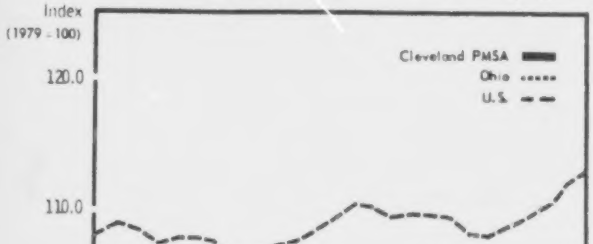
PRIMARY
METROPOLITAN
STATISTICAL
AREA



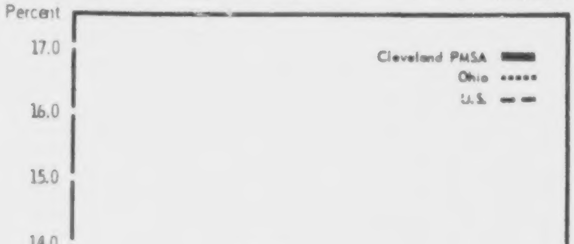
Nonagricultural wage and salary employment in the Cleveland area declined 600 from the July level, to 894,400 in August. Nonmanufacturing employment decreased by 500. Seasonal losses in local government education overshadowed gains in retail trade, business services, construction, and transportation and public utilities. Manufacturing employment fell slightly as growth in fabricated metal products and rubber and plastics products was offset by reductions in motor vehicles and equipment. Manufacturing production workers averaged $11.42 per hour, up $.15. Their average workweek increased 1.4 hours, to 42.2 hours.

Nonfarm employment rose 18,700 since August 1985. Although growth was noted in most nonmanufacturing industries, the gain was concentrated primarily in services, retail trade, and finance, insurance, and real estate. Manufacturing employment decreased by 6,000 during the period. Noteworthy losses were recorded in nonelectrical machinery and fabricated metal products.

INDEXES OF TOTAL EMPLOYMENT
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
CLEVELAND PMSA, OHIO, AND U.S. (Not Seasonally Adjusted)



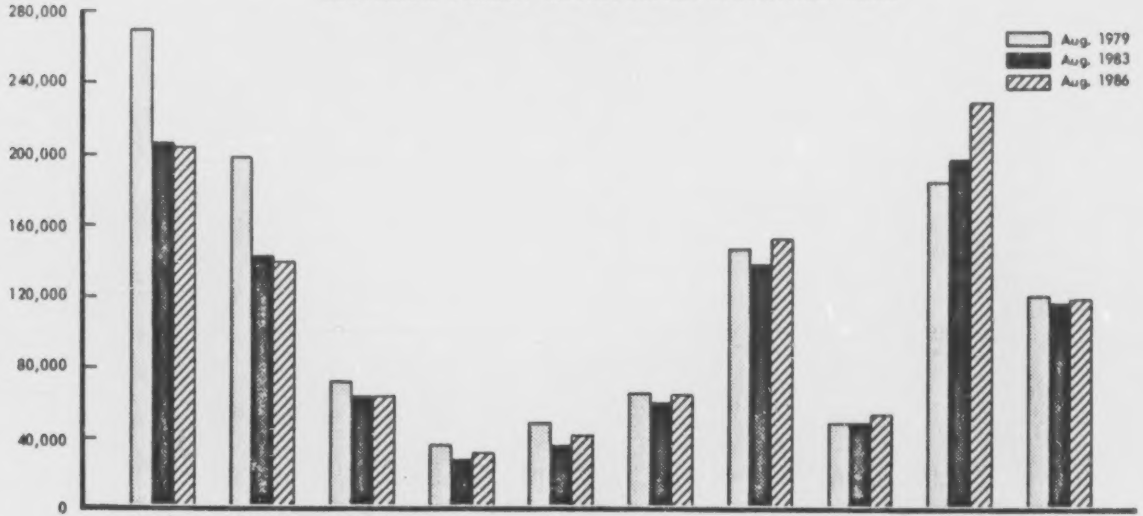
Cleveland PMSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed Total	Unemployed Rate		Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings: Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
896.9	826.3	70.6	7.9	1975	850.6	260.3	176.0	$227.45	40.4	$ 5.63
897.7	834.4	63.3	7.0	1976	860.0	265.1	180.9	260.62	41.9	6.22
908.5	854.4	54.0	5.9	1977	880.9	270.8	184.0	292.75	42.8	6.84
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	321.75	42.9	7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.5	841.0	82.5	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
922.0	845.5	76.5	8.3	1985	869.3	210.7	135.1	467.74	41.8	11.19
				1985						
948.3	863.8	84.5	8.9	July	878.9	210.7	134.4	452.76	40.9	11.07
940.8	862.0	78.7	8.4	August	875.7	209.0	133.0	466.21	41.7	11.18
928.5	846.9	81.6	8.8	September	876.1	209.4	134.3	472.92	42.0	11.26
932.9	853.7	79.2	8.5	October	880.6	208.9	134.1	467.58	41.6	11.24
929.0	852.6	76.4	8.2	November	882.7	208.9	134.8	467.58	41.6	11.24
923.1	851.9	71.1	7.7	December	884.2	208.3	134.5	480.11	42.3	11.35
				1986						
912.8	837.2	75.6	8.3	January	865.6	207.1	133.6	474.01	41.8	11.34
929.2	854.3	74.9	8.1	February	865.1	205.3	132.1	477.24	41.9	11.39
931.6	865.3	66.3	7.1	March	870.9	205.3	132.3	487.60	42.4	11.50
926.7	859.2	67.5	7.3	April	880.6	205.7	132.6	479.76	41.9	11.45
918.2	855.9	62.3	6.8	May	890.3	205.8	132.7	472.69	41.5	11.39
940.1	861.4	78.7	8.4	June	896.6	205.8	132.3	480.36	42.1	11.41
949.3	878.0	71.3	7.5	July	895.0	203.1	129.6	459.82	40.8	11.27
INA	INA	INA	INA	August	894.4	203.0	129.6	481.92	42.2	11.42

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Cleveland PMSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	894.4	895.0	875.7	- .6	18.7
MANUFACTURING	203.0	203.1	209.0	- .2	- 6.0
Durable Goods[e]	139.0	139.3	144.2	- .2	- 5.2
Primary metal industries	21.6	21.6	22.1	.0	- .5
Blast furnace and basic steel products	10.3	10.2	10.4	.1	- .1
Iron and steel foundries	5.1	5.3	5.4	- .1	- .2
Fabricated metal products	32.0	31.7	33.0	.3	- 1.0
Fabricated structural metal products	3.9	3.9	3.8	.0	.1
Screw machine products, bolts, etc.	4.7	4.6	4.7	.1	.0
Metal forgings and stampings	10.3	10.2	10.7	.1	- .4
Machinery, except electrical	31.1	31.0	32.7	.1	- 1.6
Construction and related machinery	2.9	2.9	3.4	.0	- .5
Metalworking machinery	9.8	9.8	10.5	.0	- .7
Special industry machinery	3.3	3.3	3.7	.0	- .4
General industrial machinery	2.9	2.9	3.0	.0	- .1
Electric and electronic equipment	18.9	18.9	19.3	- .1	- .5
Electrical industrial apparatus	6.8	6.8	6.9	.0	- .1
Transportation equipment	18.5	19.0	19.3	- .5	- .8
Motor vehicles and equipment	11.4	11.9	12.0	- .5	- .7
Instruments and related products	7.1	7.2	7.9	- .1	- .8
Measuring and controlling devices	4.2	4.2	4.2	.0	.0
Nondurable Goods[f]	63.9	63.9	64.8	.1	- .9
Food and kindred products	7.1	7.2	7.0	- .1	.1
Apparel and other textile products	4.4	4.5	4.7	- .1	- .4
Paper and allied products	5.3	5.2	5.3	.1	- .1
Printing and publishing	15.6	15.6	15.9	.1	- .3
Chemicals and allied products	13.9	13.9	14.3	.0	- .4
Rubber and misc. plastics products	11.7	11.5	11.7	.2	.0
NONMANUFACTURING[g]	691.4	691.9	666.7	- .5	24.7
CONSTRUCTION	31.6	31.2	30.3	.4	1.3
TRANSPORTATION AND PUBLIC UTILITIES	42.3	41.9	41.5	.4	.8
Trucking and warehousing	11.8	11.6	11.0	.2	.8
Communication, electric, gas services	18.4	18.2	18.7	.2	- .3
WHOLESALE TRADE	64.5	64.3	63.4	.2	1.0
Wholesale trade-durable goods	44.9	44.8	44.3	.1	.6
RETAIL TRADE	152.4	151.6	147.3	.8	5.1
General merchandise stores	19.8	19.7	20.0	.2	- .1
FINANCE, INSURANCE, AND REAL ESTATE	52.9	52.6	50.2	.3	2.7
Banking	13.5	13.4	13.1	.0	.4
Credit agencies other than banks	8.7	8.6	8.1	.1	.6
Insurance carriers	12.2	12.0	11.7	.1	.4
SERVICES	228.3	228.4	216.3	- .1	12.0
Business services	51.8	51.1	46.4	.7	5.4
Amusement and recreation services	9.1	9.1	9.7	.0	- .6
Health services	70.4	70.4	67.9	.1	2.5
GOVERNMENT	118.3	120.8	116.7	- 2.4	1.6
Federal government	20.0	19.9	19.7	.1	.3
State government	7.9	8.0	7.5	- .2	.4
State government education[f]	2.4	2.6	2.3	- .2	.2
State government, except education	5.4	5.4	5.2	.0	.3
Local government	90.5	92.8	89.6	- 2.3	.9
Local government education	41.5	43.5	40.7	- 2.0	.8
Local government, except education	49.0	49.3	48.9	- .3	.1

Cleveland PMSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

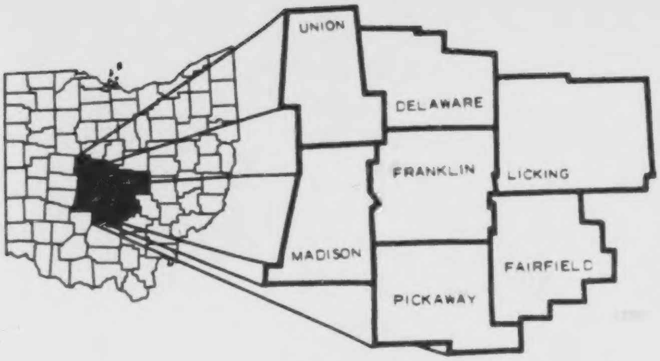
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$481.92	$459.82	$466.21	42.2	40.8	41.7	$11.42	$11.27	$11.18
Durable Goods[e]	511.20	484.21	496.78	42.6	41.0	42.1	12.00	11.81	11.80
Primary metal industries	586.42	540.70	567.84	43.6	40.9	42.0	13.45	13.22	13.52
Blast furnace and basic steel products	557.03	522.96	507.53	40.6	38.2	37.1	13.72	13.69	13.68
Iron and steel foundries	797.72	677.81	847.36	49.0	43.2	51.7	16.28	15.69	16.39
Fabricated metal products	491.42	465.85	491.77	42.4	40.9	43.1	11.59	11.39	11.41
Fabricated structural metal products	391.15	377.17	402.83	41.7	40.6	42.9	9.38	9.29	9.39
Screw machine products, bolts, etc	455.52	429.42	413.97	43.8	42.1	41.9	10.40	10.20	9.88
Metal forgings and stampings	642.24	604.21	638.37	44.6	42.7	45.5	14.40	14.15	14.03
Machinery, except electrical	465.98	445.54	467.08	42.4	40.8	42.5	10.99	10.92	10.99
Construction and related machinery	447.92	435.46	405.72	45.8	44.8	41.4	9.78	9.72	9.80
Metalworking machinery	395.41	409.85	399.02	39.7	40.3	40.8	9.96	10.17	9.78
Special industry machinery	492.34	488.42	521.09	41.2	40.6	43.9	11.95	12.03	11.87
General industrial machinery	461.78	485.18	448.06	42.6	44.8	43.0	10.84	10.83	10.42
Electric and electronic equipment	406.64	412.78	395.85	39.1	39.2	39.0	10.40	10.53	10.15
Electrical industrial apparatus	419.25	423.54	428.49	39.0	39.0	40.5	10.75	10.86	10.58
Transportation equipment	720.66	645.18	639.02	47.6	44.1	44.5	15.14	14.63	14.36
Motor vehicles and equipment	768.16	660.53	703.34	48.1	43.2	46.0	15.97	15.29	15.29
Instruments and related products	382.48	390.51	402.82	39.8	40.3	41.7	9.61	9.69	9.66
Measuring and controlling devices	374.30	390.05	398.98	39.4	40.8	42.4	9.50	9.56	9.41
Nondurable Goods[f]	410.76	402.17	389.50	41.2	40.5	40.7	9.97	9.93	9.57
Food and kindred products	394.90	390.85	373.27	42.6	42.3	41.2	9.27	9.24	9.06
Apparel and other textile products	315.51	310.01	263.12	39.0	38.8	36.8	8.09	7.99	7.15
Paper and allied products	474.37	457.30	440.06	43.6	42.5	42.6	10.88	10.76	10.33
Printing and publishing	412.06	400.68	398.24	37.7	37.1	38.0	10.93	10.80	10.48
Chemicals and allied products	492.78	480.24	467.84	43.0	42.2	42.3	11.46	11.38	11.06
Rubber and misc. plastics products	363.79	355.52	374.98	42.4	41.1	43.2	8.58	8.65	8.68
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	554.73	570.99	548.88	41.0	41.8	41.3	13.53	13.66	13.29
WHOLESALE TRADE	390.04	388.23	370.00	39.8	39.9	39.7	9.80	9.73	9.32
RETAIL TRADE[h]	176.22	180.09	178.06	28.7	29.0	29.0	6.14	6.21	6.14
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	291.57	293.74	268.56	....	....	....	.....	.....	.....

[a] See Technical Notes for concepts [b] Preliminary [c] Revised [d] Based on unrounded figures [e] Includes lumber and wood products, stone clay and glass products, miscellaneous manufacturing [f] Includes tobacco manufactures, textile mill products, petroleum and coal products, leather and leather products [g] Includes mining [h] Money payments only, tips not included [i] Includes State universities. Excludes the agricultural extension service and the Ohio Department of Education [j] Depressed due to labor-management disputes

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	12,351	7,988	8,842
Active File of Job Seekers	111,786	108,834	89,894
Referrals to Jobs	5,166	4,620	5,327
Placements	1,359	1,335	1,401
Job Openings Received	4,034	1,876	4,157
Job Openings Unfilled	5,057	3,055	5,020
Unemployment Insurance Program			
Initial Claims	7,406	9,297	8,137
Continued Claims	66,852	80,701	79,230
First Payments	4,074	3,884	4,254
Last Payments	1,466	1,494	1,526
Weeks Compensated	60,235	61,802	68,612
Benefits Paid	$8,843,761	$9,205,276	$9,891,884
Average Weekly Payment	$149.11	$151.26	$146.45

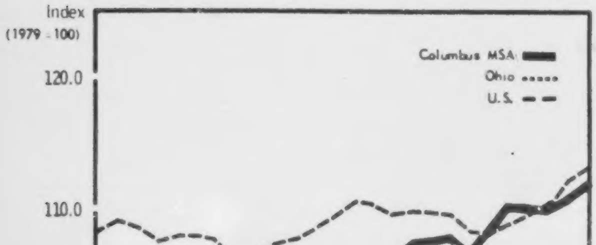
COLUMBUS
METROPOLITAN STATISTICAL AREA



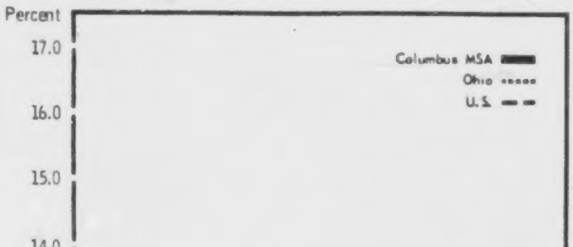
Nonagricultural wage and salary employment in the Columbus metropolitan area totaled 642,600 in August, up 2,300 from July. The increase occurred in nonmanufacturing, with important gains in construction and retail trade. Manufacturing employment remained virtually unchanged at 104,900, with growth in stone, clay, and glass products countered by losses in transportation equipment. Production workers in manufacturing earned an average of $11.32 per hour, up $.09. The average workweek was 41.0 hours, up .2 hours from July.

Nonfarm employment rose 36,100 from August 1985 to August 1986. Growth in services and retail trade contributed most to this gain, although noteworthy advances were recorded in construciton, government, and finance, insurance, and real estate. Manufacturing employment declined 1,000, with growth in transportation equipment offset by declines in most other durable-goods industries.

INDEXES OF TOTAL EMPLOYMENT
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
COLUMBUS MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



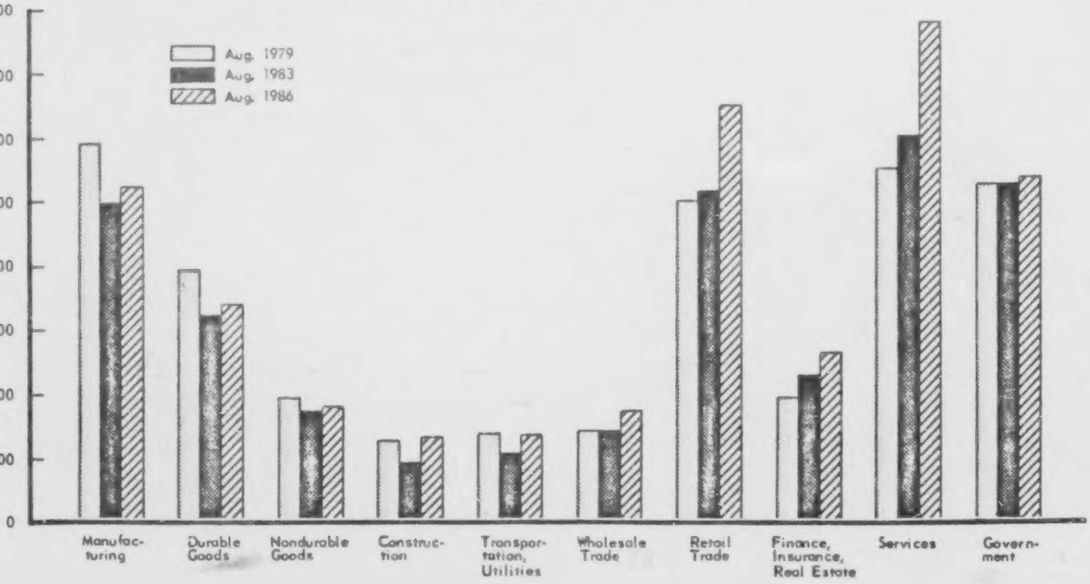
Columbus MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	488.2	106.6	INA	INA	INA	INA
INA	INA	INA	INA	1975	500.0	108.1	INA	INA	INA	INA
INA	INA	INA	INA	1977	517.6	113.6	INA	INA	INA	INA
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	$426.06	40.5	$10.52
650.4	606.7	43.7	6.7	1985	606.5	105.9	70.8	442.95	40.9	10.83
				1985						
658.6	610.2	48.5	7.4	July	602.6	105.4	70.2	439.42	40.8	10.77
657.7	614.8	42.9	6.5	August	606.5	105.9	70.7	440.49	40.9	10.77
657.9	613.3	44.6	6.8	September	616.4	106.8	71.6	454.53	41.7	10.90
666.9	622.1	44.7	5.7	October	623.9	106.7	71.2	445.26	41.0	10.86
667.3	622.6	44.7	6.7	November	627.4	106.8	71.3	456.62	41.7	10.95
665.3	624.3	41.0	6.2	December	631.4	107.1	71.4	463.14	41.8	11.08
				1986						
661.3	615.1	46.2	7.0	January	620.0	106.8	71.0	451.95	40.9	11.05
671.5	627.0	44.5	5.6	February	619.3	106.3	70.9	453.46	41.0	11.06
676.4	637.2	39.1	5.8	March	624.9	105.7	70.4	460.50	41.3	11.15
675.6	636.5	39.1	5.8	April	635.1	105.7	70.6	462.44	41.4	11.17
672.6	634.8	37.8	5.6	May	642.0	105.3	70.0	461.44	41.2	11.20
683.7	639.4	44.3	6.5	June	646.8	105.0	69.7	460.43	41.0	11.23
687.3	647.6	39.7	5.8	July	640.3	104.8	69.4	458.18	40.8	11.23
INA	INA	INA	INA	August	642.6	104.9	69.6	464.12	41.0	11.32

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
COLUMBUS METROPOLITAN STATISTICAL AREA



Columbus MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	642.6	640.3	606.5	2.3	36.1
MANUFACTURING	104.9	104.8	105.9	.1	- 1.0
Durable Goods[e]	69.3	69.2	70.1	.1	- .8
Stone, clay, and glass products	12.0	11.5	11.8	.6	.3
Glass and glassware, pressed or blown	4.5	4.0	4.6	.5	- .1
Fabricated metal products	9.4	9.3	10.4	.1	- 1.0
Fabricated structural metal products	3.1	3.0	3.2	.1	- .1
Machinery, except electrical	9.4	9.6	10.2	- .2	- .8
Electric and electronic equipment	10.6	10.5	11.2	.1	- .6
Transportation equipment	16.3	16.8	15.0	- .5	1.4
Instruments and related products	4.3	4.3	4.2	.0	.1
Nondurable Goods[f]	35.6	35.6	35.8	.0	- .2
Food and kindred products	9.6	9.7	9.7	- .1	.0
Printing and publishing	9.8	9.8	9.5	.0	.2
Chemicals and allied products	6.9	6.9	6.9	.0	- .1
Rubber and misc. plastics products	5.0	5.0	5.1	.0	- .1
NONMANUFACTURING[g]	537.8	535.5	500.6	2.2	37.1
CONSTRUCTION	26.9	26.0	23.7	.9	3.2
TRANSPORTATION AND PUBLIC UTILITIES	26.5	26.4	25.8	.1	.7
Trucking and warehousing	11.5	11.4	10.4	.1	1.1
Communication, electric, gas services	10.7	10.7	11.3	.0	- .6
WHOLESALE TRADE	35.4	35.2	33.6	.2	1.8
Wholesale trade-durable goods	24.0	23.8	22.4	.2	1.6
RETAIL TRADE	130.3	129.1	121.4	1.1	8.9
General merchandise stores	15.6	15.5	15.7	.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	52.9	53.2	50.0	- .2	2.9
Banking	11.4	11.4	10.9	.0	.5
Insurance carriers	20.4	20.6	19.5	- .2	.9
SERVICES	156.4	156.1	140.5	.3	15.9
Business services	37.0	36.3	31.3	.7	5.7
Health services	37.9	37.9	36.0	.0	1.9
GOVERNMENT	108.4	108.6	104.6	- .2	3.9
Federal government	15.6	15.7	15.3	- .1	.3
State government	47.3	46.8	45.7	.6	1.7
State government education	17.4	16.9	16.9	.5	.5
State government, except education	29.9	29.9	28.7	.1	1.2
Local government	45.5	46.2	43.6	- .7	1.9
Local government education	24.7	25.0	23.7	- .3	1.0
Local government, except education	20.8	21.1	20.0	- .4	.8

Hours & Earnings of Production or Nonsupervisory Workers[a]

Columbus MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1985[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$464.12	$458.18	$440.49	41.0	40.8	40.9	$11.32	$11.23	$10.77
Durable Goods[e]	478.25	467.57	456.85	41.3	40.8	40.9	11.58	11.46	11.17
Stone, clay, and glass products	480.37	487.22	479.98	39.7	40.1	41.2	12.10	12.15	11.65
Glass and glassware, pressed or blown	446.10	452.76	429.95	39.2	39.2	39.7	11.38	11.55	10.83
Fabricated metal products	475.57	478.76	475.99	40.2	40.3	40.1	11.83	11.88	11.87
Fabricated structural metal products	410.06	436.16	386.71	40.4	42.1	39.5	10.15	10.36	9.79
Machinery, except electrical	410.01	402.48	405.81	39.5	38.7	40.5	10.38	10.40	10.02
Electric and electronic equipment	435.91	433.92	459.26	39.7	39.7	41.6	10.98	10.93	11.04
Transportation equipment	587.02	547.23	508.38	45.4	43.5	41.5	12.93	12.58	12.25
Instruments and related products	403.51	404.26	374.22	40.8	41.0	40.5	9.89	9.86	9.24
Nondurable Goods[f]	434.57	434.42	402.29	40.5	40.6	40.8	10.73	10.70	9.86
Food and kindred products	453.20	449.70	391.15	41.2	41.6	40.2	11.00	10.81	9.73
Printing and publishing	493.53	503.94	466.49	39.2	39.9	39.3	12.59	12.63	11.87
Chemicals and allied products	500.97	497.70	476.82	41.3	41.2	41.9	12.13	12.08	11.38
Rubber and misc. plastics products	339.48	341.52	335.75	41.4	41.7	42.5	8.20	8.19	7.90
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	548.51	572.14	540.27	40.6	42.1	40.5	13.51	13.59	13.34
WHOLESALE TRADE	323.95	327.85	294.52	37.6	38.3	38.2	8.57	8.56	7.71
RETAIL TRADE[h]	169.65	169.07	171.50	29.3	28.9	30.3	5.79	5.85	5.66
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	.....	.....	.....
Banking	244.72	240.89	236.91	....	....	....	.....	.....	.....

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products, furniture and fixtures, primary metal industries, miscellaneous manufacturing. [f]Includes tobacco manufactures, textile mill products, apparel and other textile products, paper and allied products, petroleum and coal products, leather and leather products. [g]Includes mining. [h]Money payments only, tips not included. [i]Includes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

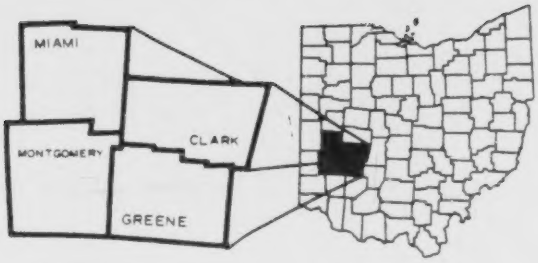
Selected Administrative Program Activities

	August 1986	July 1986	August 1985
EMPLOYMENT SERVICE PROGRAM			
New Applicants	5,340	6,625	6,380
Active File of Job Seekers	38,371	39,793	33,320
Referrals to Jobs	4,765	2,917	3,425
Placements	2,724	630	749
Job Openings Received	4,755	2,176	3,358
Job Openings Unfilled	6,422	5,921	7,712
Unemployment Insurance Program			
Initial Claims	5,048	5,397	4,954
Continued Claims	33,922	40,884	37,325
First Payments	1,807	2,225	2,439
Last Payments	663	857	790
Weeks Compensated	28,530	32,845	32,817*
Benefits Paid	$4,079,127	$4,691,540	$4,502,121*
Average Weekly Payment	$146.07	$145.56	$140.37

*Revised

DAYTON - SPRINGFIELD

METROPOLITAN STATISTICAL AREA

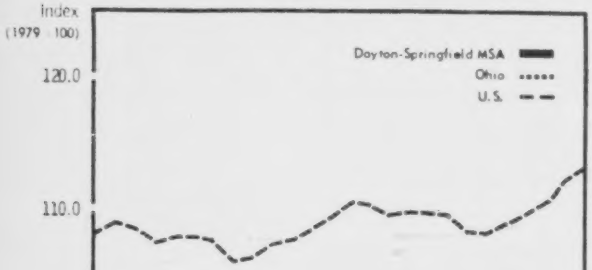


In the Dayton-Springfield area, nonagricultural wage and salary employment totaled 420,300 in August, up 2,300 from the July level. Nonmanufacturing employment rose 2,100 over the month, with important increases occurring in construction, retail trade, and services. Manufacturing employment, at 104,400 in August, was little changed from July. Hourly earnings of production workers were down $.06 in August, to $11.97 an hour. Their average workweek remained constant at 42.5 hours.

Nonagricultural employment rose 13,900 from August 1985 to August 1986. This improvement occurred in the nonmanufacturing sector with the largest gains reported in services, especially business and educational services; retail trade, and construction. Manufacturing employment declined 2,100 over the year. The loss was concentrated in nonelectrical machinery and rubber and miscellaneous plastics products.

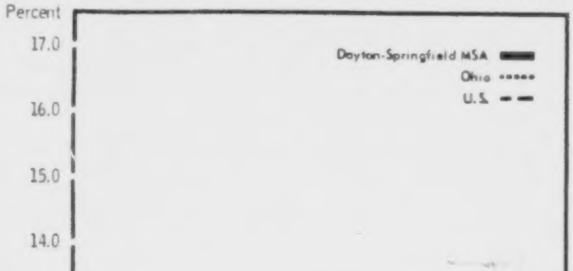
INDEXES OF TOTAL EMPLOYMENT

DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES

DAYTON-SPRINGFIELD MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



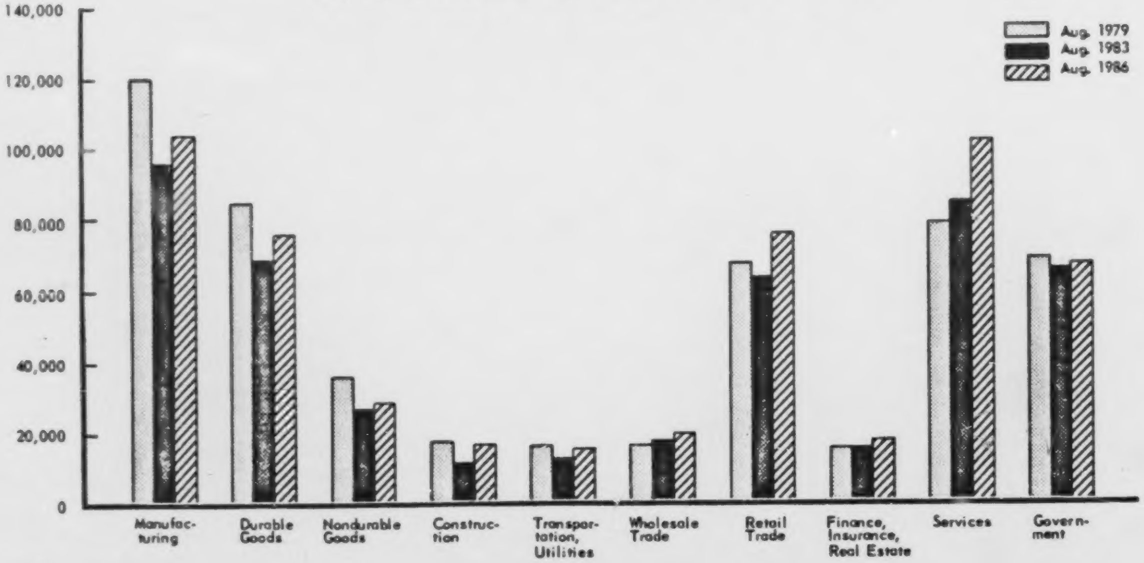
Dayton-Springfield MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force	Total Employed	Unemployed			Nonagricultural Wage & Salary Employment	Manufacturing Employment	Manufacturing Production Workers	Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	360.1	112.5	INA	INA	INA	INA
INA	INA	INA	INA	1976	370.7	116.3	INA	INA	INA	INA
INA	INA	INA	INA	1977	383.8	121.8	INA	INA	INA	INA
INA	INA	INA	INA	1978	401.1	125.0	INA	INA	INA	INA
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.0	404.8	35.2	8.0	1984	392.7	103.7	67.7	$480.99	42.9	$11.21
447.9	415.6	32.3	7.2	1985	407.8	106.4	69.1	517.10	43.2	11.97
				1985						
453.1	418.5	34.7	7.6	July	405.7	106.5	68.3	537.03	44.2	12.15
454.0	420.1	33.9	7.5	August	406.5	106.4	68.4	503.11	42.6	11.81
452.3	420.1	32.3	7.1	September	414.2	107.3	69.4	528.77	43.7	12.10
457.1	422.2	35.0	7.7	October	415.5	107.0	69.5	509.50	42.6	11.96
456.5	422.2	34.2	7.5	November	417.4	106.6	69.4	518.15	43.0	12.05
453.7	421.7	31.9	7.0	December	418.2	106.6	69.3	549.92	44.6	12.33
				1986						
448.1	414.9	33.2	7.4	January	409.9	105.7	68.5	534.45	43.7	12.23
457.2	422.7	34.5	7.5	February	409.1	105.5	68.3	532.61	43.8	12.16
459.4	429.9	29.5	6.4	March	413.1	105.2	67.9	526.44	43.4	12.13
455.1	426.3	28.8	6.3	April	417.0	104.7	67.7	510.85	42.5	12.02
450.9	424.4	26.5	5.9	May	421.0	104.6	67.5	515.31	42.8	12.04
455.5	423.0	32.5	7.1	June	419.9	104.5	67.0	518.06	43.1	12.02
459.8	430.7	29.2	6.3	July	418.0	104.1	66.5	511.28	42.5	12.03
INA	INA	INA	INA	August	420.3	104.4	66.8	508.73	42.5	11.97

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
DAYTON-SPRINGFIELD METROPOLITAN STATISTICAL AREA



Dayton-Springfield MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	420.3	418.0	406.5	2.3	13.9
MANUFACTURING	104.4	104.1	106.4	.3	- 2.1
Durable Goods[e]	75.8	75.4	77.3	.4	- 1.5
Fabricated metal products	8.6	8.4	8.7	.1	- .1
Machinery, except electrical	31.6	31.4	32.3	.2	- .7
Metalworking machinery	6.9	6.9	7.0	.1	- .1
General industrial machinery	2.6	2.5	2.9	.1	- .3
Electric and electronic equipment	5.1	5.0	5.4	.1	- .3
Electrical industrial apparatus	2.8	2.8	3.0	.0	- .1
Transportation equipment	21.8	21.7	21.5	.1	.3
Nondurable Goods[f]	28.6	28.7	29.2	- .1	- .6
Food and kindred products	2.8	2.9	2.9	.0	- .1
Paper and allied products	5.7	5.8	5.7	- .1	.0
Printing and publishing	8.6	8.5	8.4	.1	.2
Rubber and misc. plastics products	7.8	7.9	8.3	- .1	- .5
NONMANUFACTURING[g]	315.9	313.9	300.0	2.1	15.9
CONSTRUCTION	17.4	16.8	15.1	.6	2.2
TRANSPORTATION AND PUBLIC UTILITIES	15.6	15.3	14.6	.2	.9
Communication, electric, gas services	6.0	5.8	6.1	.1	- .1
WHOLESALE TRADE	20.0	20.0	19.2	.0	.8
Wholesale trade-durable goods	13.5	13.5	13.0	.0	.5
RETAIL TRADE	76.4	75.8	72.0	.6	4.5
General merchandise stores	11.1	10.9	10.9	.2	.2
FINANCE, INSURANCE, AND REAL ESTATE	17.6	17.6	17.1	.0	.5
Banking	4.3	4.4	4.2	.0	.1
Credit agencies other than banks	4.8	4.8	4.3	.0	.5
Insurance carriers	2.7	2.7	3.0	.0	- .3
SERVICES	101.5	100.9	94.2	.5	7.3
Business services	24.2	24.0	20.9	.2	3.3
Health services	34.4	34.4	33.4	.0	1.0
Educational services	5.8	5.9	4.9	- .1	.9
GOVERNMENT	67.1	67.0	67.4	.1	- .3
Federal government	27.6	27.7	28.3	- .1	- .7
State government	6.0	6.0	5.8	.0	.2
State government education[h]	3.3	3.3	3.1	.0	.1
State government, except education	2.7	2.7	2.7	.0	.0
Local government	33.4	33.2	33.2	.2	.2
Local government education	18.5	18.2	18.5	.3	.1
Local government, except education	14.9	15.0	14.8	- .1	.1

Hours & Earnings of Production or Nonsupervisory Workers[a]

Dayton-Springfield MSA

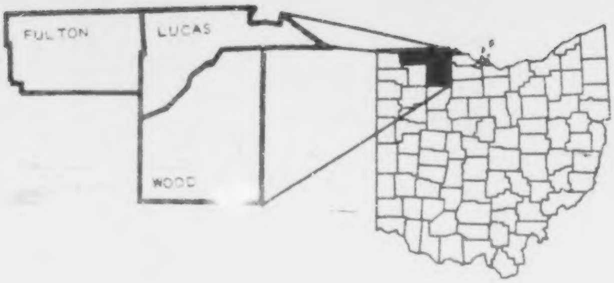
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$508.73	$511.28	$503.11	42.5	42.5	42.6	$11.97	$12.03	$11.81
Durable Goods[e]	523.38	523.87	512.74	42.9	42.8	42.8	12.20	12.24	11.98
Fabricated metal products	366.22	391.11	366.27	40.2	42.1	41.2	9.11	9.29	8.89
Machinery, except electrical	555.77	548.25	544.36	43.9	43.0	43.9	12.66	12.75	12.40
Metalworking machinery	530.27	525.87	523.71	45.4	45.1	45.5	11.68	11.66	11.51
General industrial machinery	443.52	442.04	457.00	42.0	42.3	43.4	10.56	10.45	10.53
Electric and electronic equipment	413.47	402.99	394.98	43.8	43.1	42.7	9.44	9.35	9.25
Electrical industrial apparatus	501.42	467.53	441.78	46.6	44.4	44.4	10.76	10.53	9.95
Transportation equipment	626.94	634.52	621.78	43.0	43.7	43.0	14.58	14.52	14.46
Nondurable Goods[f]	463.09	473.52	472.34	41.2	41.5	41.8	11.24	11.41	11.30
Food and kindred products	367.20	369.75	380.97	43.2	43.5	41.5	8.50	8.50	9.18
Paper and allied products	447.93	459.46	434.83	43.7	43.8	44.1	10.25	10.49	9.86
Printing and publishing	418.82	416.46	423.46	39.4	39.4	40.1	10.63	10.57	10.56
Rubber and misc. plastics products	587.08	600.30	595.11	40.6	41.4	41.5	14.46	14.50	14.34
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	518.30	539.97	532.88	39.9	41.0	40.4	12.99	13.17	13.19
WHOLESALE TRADE	399.67	392.50	370.53	40.7	40.8	41.4	9.82	9.62	8.95
RETAIL TRADE[h]	161.16	159.10	162.54	29.9	29.3	30.1	5.39	5.43	5.40

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; stone, clay and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Money payments only, tips not included. [i] Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	2,859	3,112	3,470
Active File of Job Seekers	25,847	26,229	21,734
Referrals to Jobs	2,130	4,694	2,431
Placements	432	3,489	1,098
Job Openings Received	1,028	4,272	2,049
Job Openings Unfilled	1,325	1,622	1,866
Unemployment Insurance Program			
Initial Claims	4,904	3,580	4,845
Continued Claims	25,416	27,109	26,032
First Payments	1,829	1,431	1,850
Last Payments	450	577	528
Weeks Compensated	20,516	21,865	23,371
Benefits Paid	$2,776,062	$2,943,702	$3,116,815
Average Weekly Payment	$138.02	$137.20	$135.73

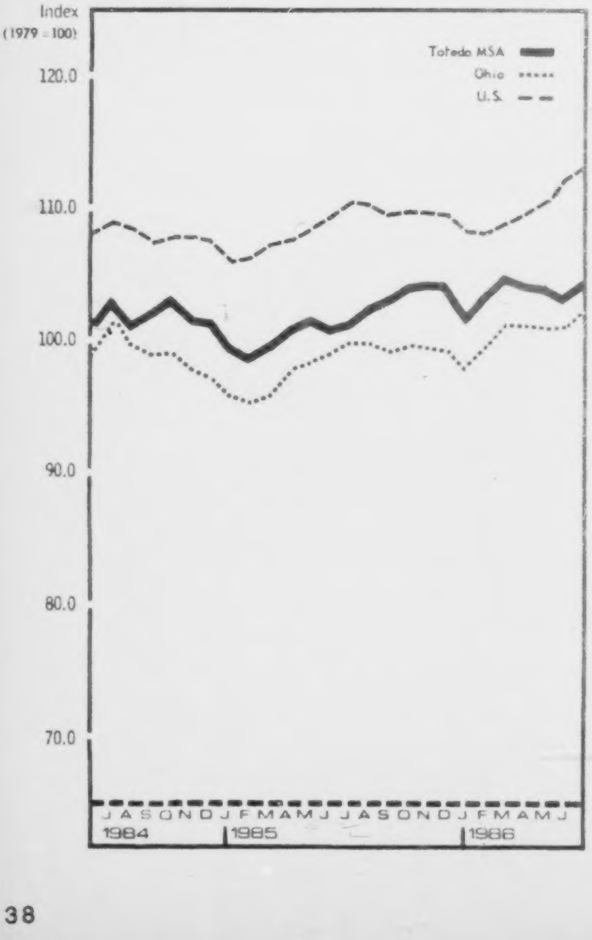
TOLEDO
METROPOLITAN STATISTICAL AREA



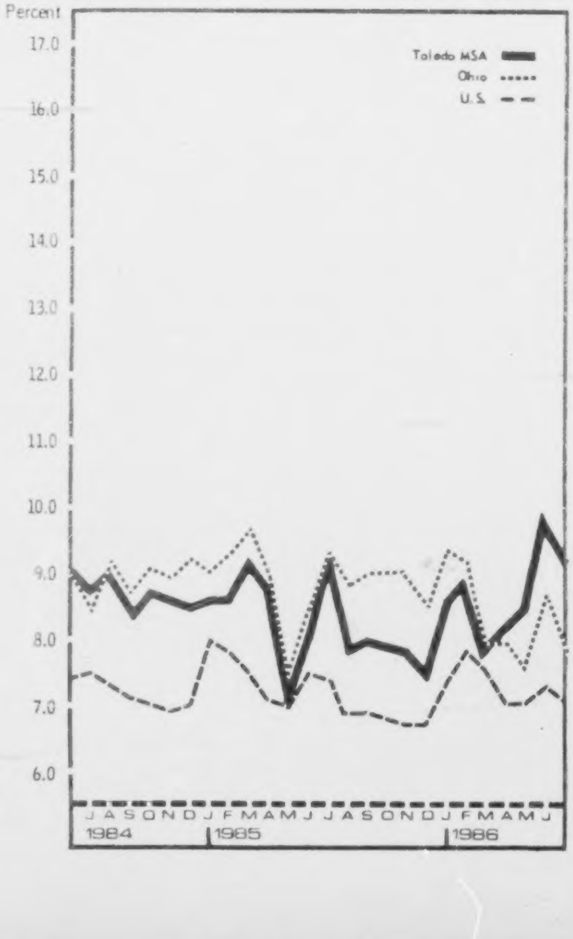
Nonagricultural wage and salary employment in the Toledo area increased 2,600 from last month to an August level of 270,700. Nonmanufacturing employment advanced 1,400. Settlement of a labor-management dispute in communication, electric, and gas services and growth in retail trade accounted for most of the increase. Manufacturing gained 1,200 workers due primarily to seasonal gains in the canning industry. Manufacturing production workers earned an average of $12.29 per hour, down $.21 from July. Their average workweek increased slightly to 42.2 hours.

Between August 1985 and August 1986, nonagricultural wage and salary employment rose 7,800. Most of the increase occurred in nonmanufacturing, with significant gains reported in services (+4,600) and retail trade (+2,900). Manufacturing employment declined by 3,700, due to losses in motor vehicles and equipment.

INDEXES OF TOTAL EMPLOYMENT
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
TOLEDO MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



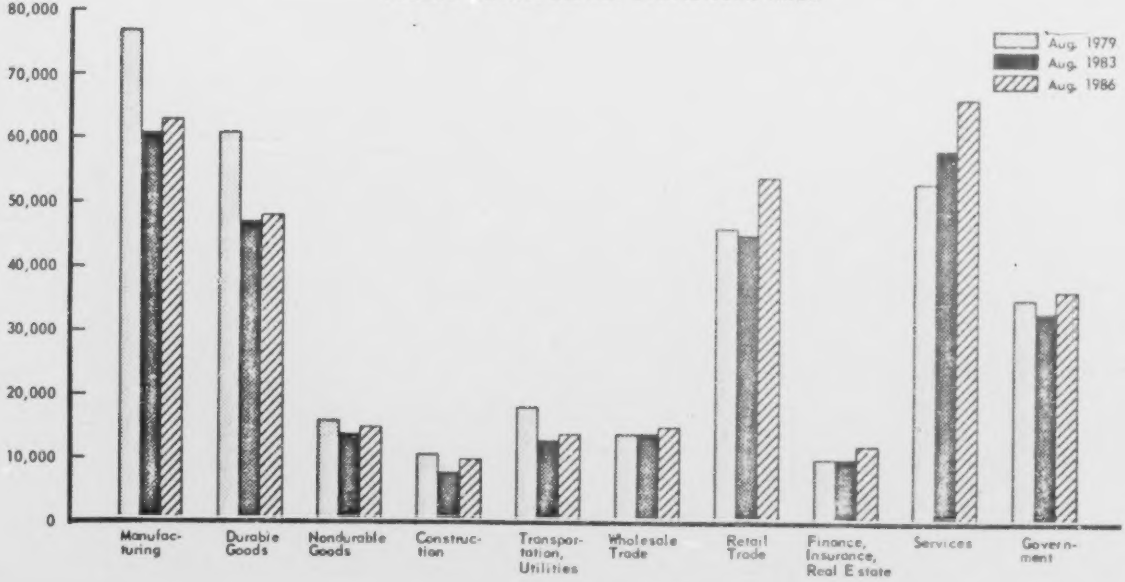
Toledo MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1975	241.0	70.9	INA	INA	INA	INA
INA	INA	INA	INA	1976	248.3	74.5	INA	INA	INA	INA
INA	INA	INA	INA	1977	256.3	77.2	INA	INA	INA	INA
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	$502.42	43.2	$11.63
295.5	271.3	24.2	8.2	1985	264.4	65.6	46.2	523.55	42.6	12.29
				1985						
298.0	270.3	27.7	9.3	July	260.2	64.3	44.8	517.37	42.2	12.26
296.8	273.5	23.3	7.8	August	262.9	66.8	47.4	531.42	43.1	12.33
299.1	275.2	23.9	8.0	September	269.8	68.0	48.6	536.60	43.1	12.45
301.4	277.7	23.7	7.9	October	271.7	66.5	47.0	537.93	43.0	12.51
301.7	278.1	23.6	7.8	November	273.2	66.2	46.8	531.15	42.8	12.41
300.4	278.2	22.2	7.4	December	274.2	66.2	46.7	537.84	43.2	12.45
				1986						
296.8	271.4	25.4	8.6	January	266.5	66.0	46.6	532.39	42.9	12.41
303.1	276.1	27.0	8.9	February	264.5	53.3	44.0	536.68	42.9	12.51
303.5	279.9	23.7	7.8	March	266.5	63.0	43.4	529.91	42.7	12.41
302.7	277.9	24.8	8.2	April	270.0	62.6	43.2	516.23	41.8	12.35
302.8	277.0	25.7	8.5	May	273.0	62.1	42.8	524.55	42.2	12.43
305.0	274.8	30.2	9.9	June	270.2	62.3	43.1	524.12	42.2	12.42
306.8	278.7	28.1	9.2	July	268.1	62.0	42.7	526.25	42.1	12.50
INA	INA	INA	INA	August	270.7	63.2	43.9	518.64	42.2	12.29

INA - Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
TOLEDO METROPOLITAN STATISTICAL AREA



Toledo MSA

Nonagricultural Wage & Salary Employment[a]

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	270.7	268.1	262.9	2.6	7.8
MANUFACTURING	63.2	62.0	66.8	1.2	- 3.7
Durable Goods[e]	47.8	47.8	52.3	- .1	- 4.5
Stone, clay, and glass products	8.8	8.8	8.9	.0	- .1
Primary metal industries	3.2	3.1	3.4	.0	- .3
Fabricated metal products	7.7	7.7	8.0	.1	- .3
Metal forgings and stampings	3.4	3.4	3.7	.0	- .2
Machinery, except electrical	5.9	5.9	6.2	.0	- .2
Electric and electronic equipment	2.8	2.7	3.1	.1	- .3
Transportation equipment	15.3	15.7	18.8	- .4	- 3.4
Motor vehicles and equipment	14.4	14.7	17.7	- .3	- 3.3
Nondurable Goods[f]	15.4	14.2	14.6	1.2	.8
Food and kindred products	4.8	3.7	4.4	1.1	.4
Rubber and misc. plastics products	3.2	3.1	2.8	.1	.3
NONMANUFACTURING[g]	207.5	206.1	196.1	1.4	11.4
CONSTRUCTION	10.4	10.1	9.3	.3	1.2
TRANSPORTATION AND PUBLIC UTILITIES	14.2	13.2	13.9	1.0	.3
Trucking and warehousing	5.6	5.6	5.4	.1	.3
Communication, electric, gas services	4.9	4.0[j]	4.7	.9	.2
WHOLESALE TRADE	15.2	15.2	15.1	.0	.1
Wholesale trade-durable goods	10.1	10.2	10.1	- .1	.0
RETAIL TRADE	53.5	53.1	50.6	.4	2.9
General merchandise stores	7.1	7.0	7.0	.1	.1
FINANCE, INSURANCE, AND REAL ESTATE	11.6	11.6	10.4	.0	1.2
Banking	4.0	4.0	3.4	.0	.6
SERVICES	66.3	66.3	61.7	.0	4.6
Business services	12.8	12.7	11.2	.1	1.6
Health services	25.3	25.4	24.7	.1	.7
GOVERNMENT	35.9	36.3	34.9	- .4	1.0
State government	11.4	11.8	11.1	- .3	.3
State government education[i]	7.4	7.7	7.2	- .3	.2
State government, except education	4.0	4.1	3.9	- .1	.1
Local government	21.9	21.9	21.2	.0	.7
Local government education	11.5	11.5	10.9	.0	.7
Local government, except education	10.4	10.4	10.3	- .1	.0

Toledo MSA

Hours & Earnings of Production or Nonsupervisory Workers[a]

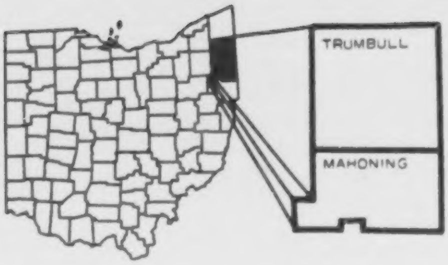
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$518.64	$526.25	$531.42	42.2	42.1	43.1	$12.29	$12.50	$12.33
Durable Goods[e]	549.53	547.30	561.15	42.5	42.1	43.5	12.93	13.00	12.90
Stone, clay, and glass products	547.12	540.04	542.98	43.7	43.1	43.3	12.52	12.53	12.54
Primary metal industries	484.96	522.12	516.78	43.3	45.8	46.1	11.20	11.40	11.21
Fabricated metal products	508.20	475.61	459.60	42.0	39.7	40.0	12.10	11.98	11.49
Metal forgings and stampings	633.36	553.15	534.56	45.5	40.2	40.9	13.92	13.76	13.07
Machinery, except electrical	469.56	458.56	437.43	42.0	41.2	41.7	11.18	11.13	10.49
Electric and electronic equipment	565.92	704.97	479.40	43.2	50.9	40.8	13.10	13.85	11.75
Transportation equipment	653.31	643.29	688.10	42.7	42.1	45.6	15.30	15.28	15.09
Motor vehicles and equipment	656.30	646.66	691.30	42.7	42.1	45.6	15.37	15.36	15.16
Nondurable Goods[f]	426.82	454.26	412.17	41.6	42.1	41.3	10.26	10.79	9.98
Food and kindred products	468.51	578.56	427.14	43.3	45.7	42.8	10.82	12.66	9.98
Rubber and misc. plastics products	321.15	326.82	329.27	40.6	40.7	40.6	7.91	8.03	8.11
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	629.01	601.68	561.85	43.5	43.1	42.5	14.46	13.96	13.22
WHOLESALE TRADE	350.95	354.66	327.60	37.9	38.3	36.4	9.26	9.26	9.00
RETAIL TRADE[h]	158.47	158.06	158.83	29.9	29.6	29.8	5.30	5.34	5.33

[a] See Technical Notes for concepts. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products, furniture and fixtures, instruments and related products, miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products, apparel and other textile products; paper and allied products, printing and publishing, chemicals and allied products, petroleum and coal products, leather and leather products. [g] Includes mining. [h] Money payments only; tips not included. [i] Includes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j] Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	2,434	2,727	4,225
Active File of Job Seekers	25,551	25,618	25,660
Referrals to Jobs	2,182	2,055	2,346
Placements	571	950	1,035
Job Openings Received	1,138	1,354	1,553
Job Openings Unfilled	1,024	758	2,008
Unemployment Insurance Program			
Initial Claims	6,683	5,498	3,141
Continued Claims	33,949	36,350	22,831
First Payments	3,711	1,733	1,336
Last Payments	853	560	496
Weeks Compensated	25,426	28,437	19,825
Benefits Paid	$3,877,405	$4,339,016	$2,660,678
Average Weekly Payment	$156.10	$155.73	$137.57

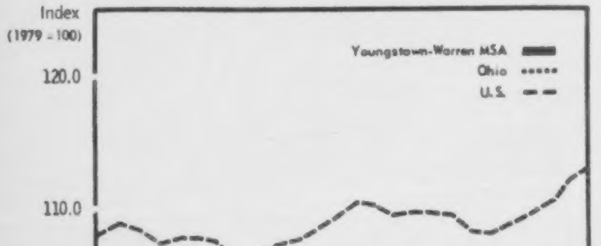
YOUNGSTOWN-WARREN
METROPOLITAN STATISTICAL AREA



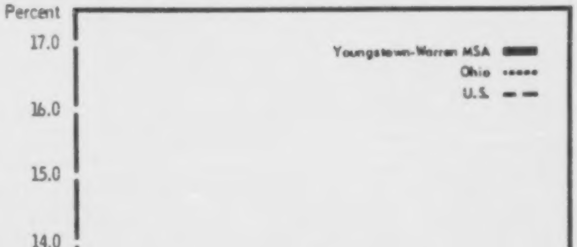
Nonagricultural wage and salary employment in the Youngstown-Warren area increased slightly from July, to 189,000. Nonmanufacturing employment remained unchanged overall as declines in health services and local government were offset by slight gains in most other sectors. Manufacturing employment rose 200, due chiefly to gains in primary metal industries. Production workers averaged a 41.1 hour workweek, unchanged from July. Their average earnings were $13.06 per hour, down $.15.

From August 1985 to August 1986, nonagricultural wage and salary employment rose 7,700. The largest over-the-year increase was recorded in transportation equipment. The August 1985 employment level in the industry was low due to a fire in an automotive facility. Gains in services and retail trade contributed most to the increase of 5,800 jobs in nonmanufacturing.

INDEXES OF TOTAL EMPLOYMENT
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



UNEMPLOYMENT RATES
YOUNGSTOWN-WARREN MSA, OHIO, AND U.S. (Not Seasonally Adjusted)



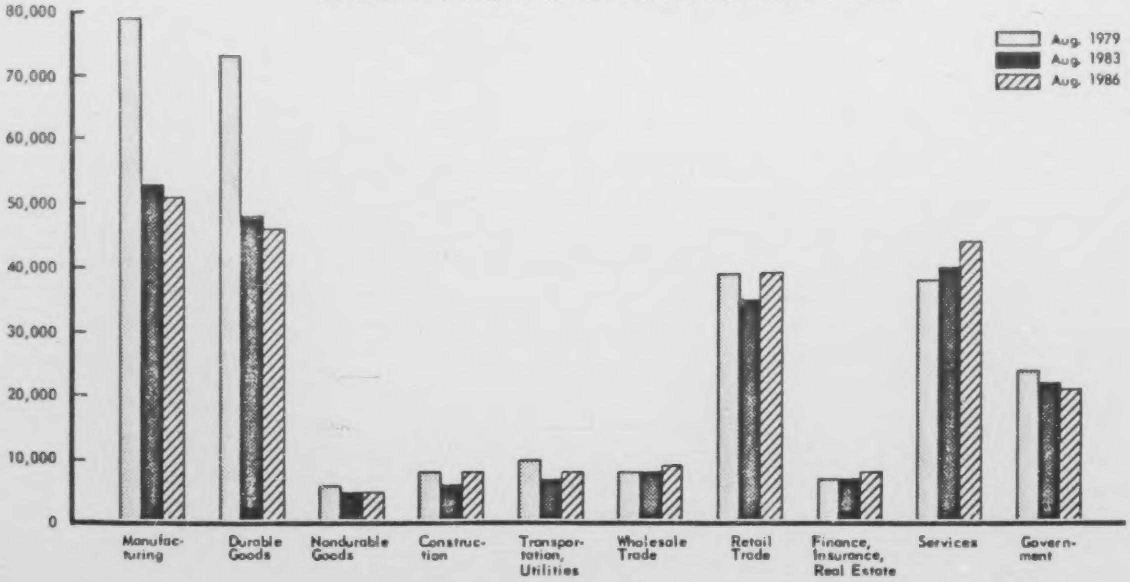
Youngstown-Warren MSA Labor Force & Employment Data

(Employed & Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
	Total Employed					Manufacturing Employment				
		Unemployed					Manufacturing Production Workers			
								Hours and Earnings		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
236.7	209.8	26.9	11.4	1975	200.7	80.8	63.3	$246.65	38.6	$ 6.39
234.2	210.5	23.7	10.1	1976	203.5	80.6	63.3	277.29	39.5	7.02
234.0	215.0	19.0	8.1	1977	208.0	81.1	63.6	313.50	40.4	7.76
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	353.56	41.4	8.54
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38
222.2	195.9	26.2	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84
220.1	195.2	24.9	11.3	1985	183.9	52.5	39.6	570.64	43.1	13.24
				1985						
222.2	197.5	24.7	11.1	July	184.0	52.3	39.4	569.67	42.8	13.31
223.7	196.0	27.7	12.4	August	181.3	49.4	36.5	535.35	41.5	12.90
221.5	197.2	24.4	11.0	September	186.5	53.2	39.9	552.82	42.2	13.10
224.0	198.6	25.4	11.3	October	187.8	53.3	40.0	589.63	44.4	13.28
223.4	197.5	25.9	11.6	November	187.7	52.7	39.5	599.42	44.5	13.47
223.0	197.8	25.2	11.3	December	188.3	52.9	39.7	614.44	44.3	13.87
				1986						
219.5	194.0	25.5	11.6	January	184.2	52.8	39.5	574.01	42.3	13.57
222.1	196.9	25.2	11.4	February	183.2	51.9	38.7	570.12	42.2	13.51
221.6	199.5	22.1	10.0	March	184.5	51.6	38.5	549.61	41.2	13.34
221.8	198.9	22.9	10.3	April	187.0	51.4	38.3	542.93	41.1	13.21
219.5	199.4	20.1	9.2	May	190.1	51.9	38.8	533.79	40.5	13.18
224.2	200.1	24.1	10.8	June	190.9	51.8	38.7	539.97	41.0	13.17
224.3	202.2	22.1	9.9	July	188.8	51.2	38.2	542.93	41.1	13.21
INA	INA	INA	INA	August	189.0	51.3	38.3	536.77	41.1	13.06

INA-Information not available

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING INDUSTRIES
YOUNGSTOWN-WARREN METROPOLITAN STATISTICAL AREA



Nonagricultural Wage & Salary Employment[a]

Youngstown-Warren MSA

	Employment (in thousands)			Change[d] (in thousands)	
	August 1986[b]	July 1986[c]	August 1985[c]	From Last Month	From Last Year
TOTAL	189.0	188.8	181.3	.2	7.7
MANUFACTURING	51.3	51.2	49.4	.2	1.9
Durable Goods[e]	45.9	45.7	44.2	.2	1.7
Primary metal industries	19.9	19.7	20.3	.2	- .4
Blast furnace and basic steel products	6.8	6.8	6.6	.0	.2
Fabricated metal products	7.3	7.6	7.7	- .3	- .4
Machinery, except electrical	3.3	3.3	3.8	.0	- .5
Electric and electronic equipment	2.4	2.4	2.5	.0	- .1
Transportation equipment	9.8	9.7	6.4	.1	3.3
Nondurable Goods[f]	5.4	5.4	5.2	.0	.2
NONMANUFACTURING[g]	137.7	137.7	131.9	.0	5.8
CONSTRUCTION	8.3	8.0	7.6	.3	.7
TRANSPORTATION AND PUBLIC UTILITIES	8.0	7.8	7.1[j]	.2	.9
Communication, electric, gas services	3.1	2.9	3.1	.1	- .1
WHOLESALE TRADE	9.3	9.3	9.0	.0	.3
Wholesale trade-durable goods	6.2	6.2	6.0	.0	.2
RETAIL TRADE	38.8	38.6	37.5	.2	1.3
General merchandise stores	5.3	5.3	5.8	.0	- .5
FINANCE, INSURANCE, AND REAL ESTATE	8.0	8.1	7.5	- .1	.5
Banking	2.7	2.7	2.6	.0	.1
SERVICES	43.9	44.2	41.7	- .3	2.2
Health services	18.0	18.4	17.9	- .4	.1
GOVERNMENT	20.8	21.0	20.8	- .2	.0
State government	3.4	3.4	3.1	- .1	.3
State government education[i]	1.8	1.9	1.5	- .1	.3
State government, except education	1.6	1.6	1.6	.0	.0
Local government	15.3	15.5	15.7	- .2	- .4
Local government education	8.8	8.8	9.1	.0	- .3
Local government, except education	6.5	6.7	6.6	- .1	- .1

Hours & Earnings of Production or Nonsupervisory Workers[a]

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1986[b]	July 1986[c]	August 1965[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]	Aug. 1986[b]	July 1986[c]	Aug. 1985[c]
MANUFACTURING	$536.77	$542.93	$535.35	41.1	41.1	41.5	$13.06	$13.21	$12.90
Durable Goods[e]	554.25	561.27	554.69	41.3	41.3	41.8	13.42	13.59	13.27
Primary metal industries	573.36	563.56	573.47	39.9	39.3	40.3	14.37	14.34	14.23
Blast furnace and basic steel products	555.88	565.78	487.51	38.9	39.4	36.6	14.29	14.36	13.32
Fabricated metal products	541.10	547.39	543.43	41.4	41.5	41.2	13.07	13.19	13.19
Machinery, except electrical	462.07	447.60	465.53	41.0	40.0	40.8	11.27	11.19	11.41
Electric and electronic equipment	408.91	408.18	402.09	39.7	39.4	39.0	10.30	10.36	10.31
Transportation equipment	640.90	680.09	710.05	44.6	45.4	48.6	14.37	14.98	14.61
Nondurable Goods[f]	364.10	365.88	354.25	38.9	39.3	39.1	9.36	9.31	9.06
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	.....	.....	.....
Communication, electric, gas services	524.21	546.63	520.61	40.2	41.1	40.8	13.04	13.30	12.76
WHOLESALE TRADE	334.07	333.68	305.41	38.8	38.8	37.2	8.61	8.60	8.21
RETAIL TRADE[h]	169.68	168.90	167.51	30.3	30.0	29.7	5.60	5.63	5.64

[a]See Technical Notes for concepts. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. [g]Includes mining. [h]Money payments only; tips not included. [i]Includes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. [j]Depressed due to labor-management disputes.

Selected Administrative Program Activities

	August 1986	July 1986	August 1985
Employment Service Program			
New Applicants	2,494	3,077	3,154
Active File of Job Seekers	31,863	32,168	30,117
Referrals to Jobs	1,977	1,791	2,504
Placements	803	554	748
Job Openings Received	1,043	729	960
Job Openings Unfilled	664	559	693
Unemployment Insurance Program			
Initial Claims	9,775	6,332	6,839
Continued Claims	33,999	25,391	29,001
First Payments	5,754	1,326	3,369
Last Payments	379	467	481
Weeks Compensated	26,941	20,512	23,315
Benefits Paid	$4,202,917	$2,858,468	$3,590,728
Average Weekly Payment	$159.89	$143.51	$157.72

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	41
Manufacturing	60
Nonmanufacturing	35
Mining	50
Construction	20
Transportation and Public Utilities	43
Wholesale Trade	19
Retail Trade	21
Finance, Insurance, and Real Estate	44
Services and Miscellaneous	24
Government	70

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1985 benchmark.

Seasonally Adjusted Estimates

To facilitate interpretation of underlying economic trends, Civilian Labor Force and Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed. For methodology, see January 1986 issue.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow.

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Ohio

Selected Employment Service Activities

	August 1986	July 1986	August 1985
New Applicants	50,487	53,007	56,106
Active File of Job Seekers	406,600	409,440	361,912
Counseling Interviews	1,714	1,865	2,685
Tests Administered	6,063	7,900	4,577
General Aptitude Tests	336	301	438
Proficiency Tests	670	686	962
Specific Aptitude Tests	754	529	1,384
Referrals to Jobs	32,477	34,034	36,230
Placements	11,136	15,299	11,817
Job Openings Received	20,417	23,358	21,019
Job Openings Unfilled	28,997	26,051	29,780

Selected Unemployment Insurance Activities

	August 1986	July 1986	August 1985
Initial Claims	66,356	71,748	63,459
Continued Claims	433,004	492,828	453,228
First Payments	32,178	23,103	30,248
Last Payments	8,277	9,256	8,968
Average Weekly Claimants	104,764	102,665	105,357
Average Weekly Benefit Recipients	82,718	81,682	84,370
Weeks Compensated	360,260	380,058	395,890
Benefits Paid	$52,509,690	$54,513,869	$56,422,209
Average Weekly Payment	$149.14	$146.79	$145.88
Continued Claims for Survey Week	99,627	104,103	104,067
Insured Unemployment Rate	2.5	2.5	2.6
Net Contributions	$147,934,564	$85,100,121	$167,964,857
Active Employer Accounts	193,196	192,202	189,912

*Revised

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Ohio Bureau Of Employment Services
Labor Market Information Division
145 South Front Street
P.O. Box 1618
Columbus, Ohio 43216

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MS. CHERYL WALDMAN
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CONGRESSIONAL INFO. SVS. INC.
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814